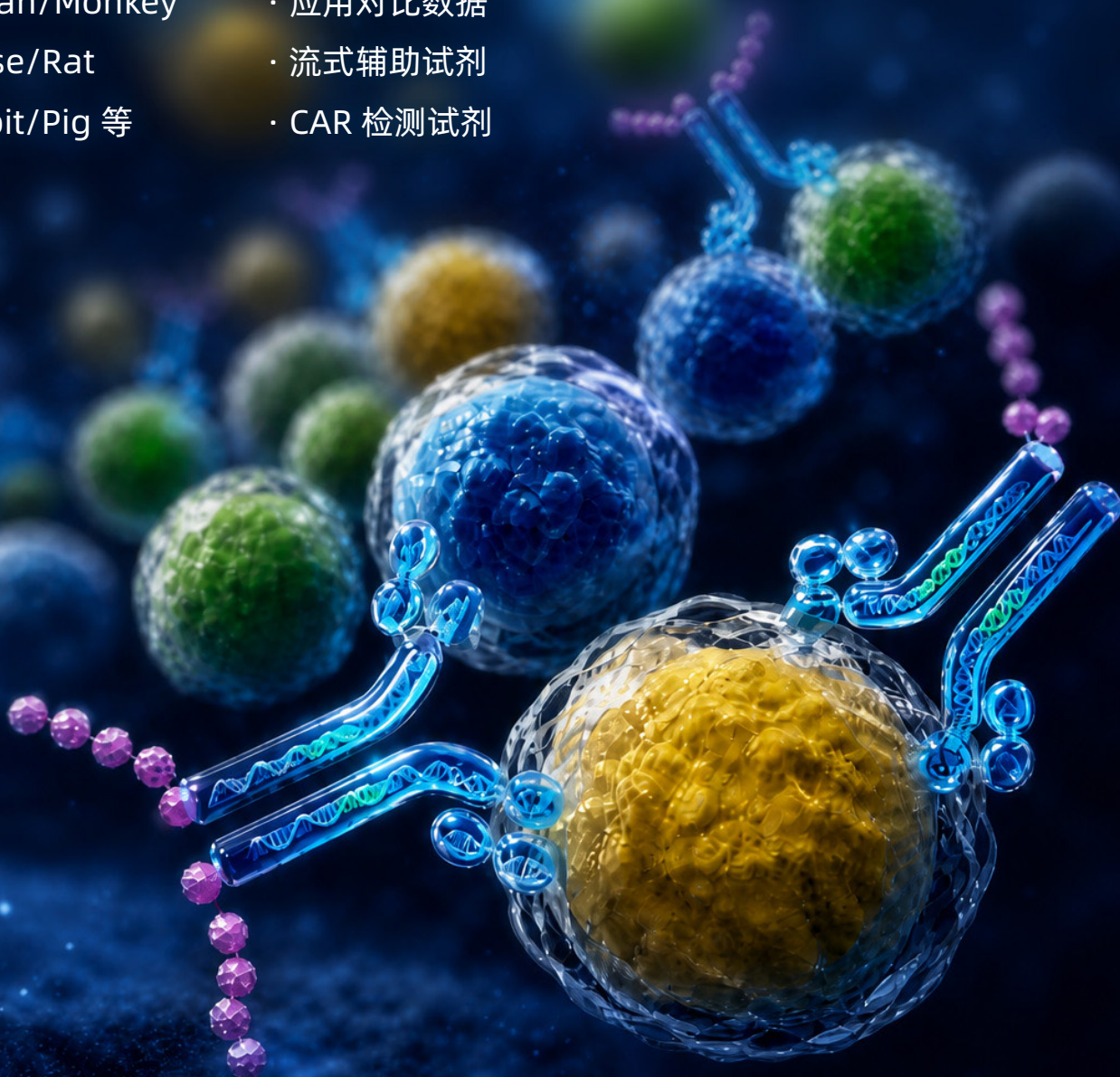


重组流式抗体

- Anti-Human/Monkey
- Anti-Mouse/Rat
- Anti-Rabbit/Pig 等
- 应用对比数据
- 流式辅助试剂
- CAR 检测试剂



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关于 Proteintech

Proteintech 于 2001 年在美国芝加哥创立，是一家深度服务于生命科学研究及精准医学领域的生物公司，提供抗体、重组蛋白、ELISA 试剂盒、实验试剂及高品质 CRO 技术服务。作为全球化的生物公司，Proteintech 致力于与全球科研机构和企业建立合作关系，共同推动生命科学研究的进步。

抗体 · ELISA 试剂盒 · 重组蛋白 · 辅助试剂 · CRO 服务

全球三大研发中心



美国

美国芝加哥研发生产中心



中国

中国武汉研发生产中心



德国

德国慕尼黑研发生产中心

全球 10000+ 企业及院所的认可

- 生物技术公司
- 体外诊断公司
- 创新药公司
- 疫苗公司
- 生物试剂公司
- CXO 公司
- 医美及化妆品公司
- 科研院所

营销网络覆盖全球快速响应

- 七大分公司及库存基地
- 1-3 天到货周期
- 提供产品定制服务
- 24 小时专业技术支持

质量管理体系认证

GMP 级别细胞因子及抗体：
严格执行 GMP 标准及
GMP 质量管理体系



ISO 9001

ISO 13485

重组流式抗体来自 Proteintech 自主知识产权平台 ABCE™

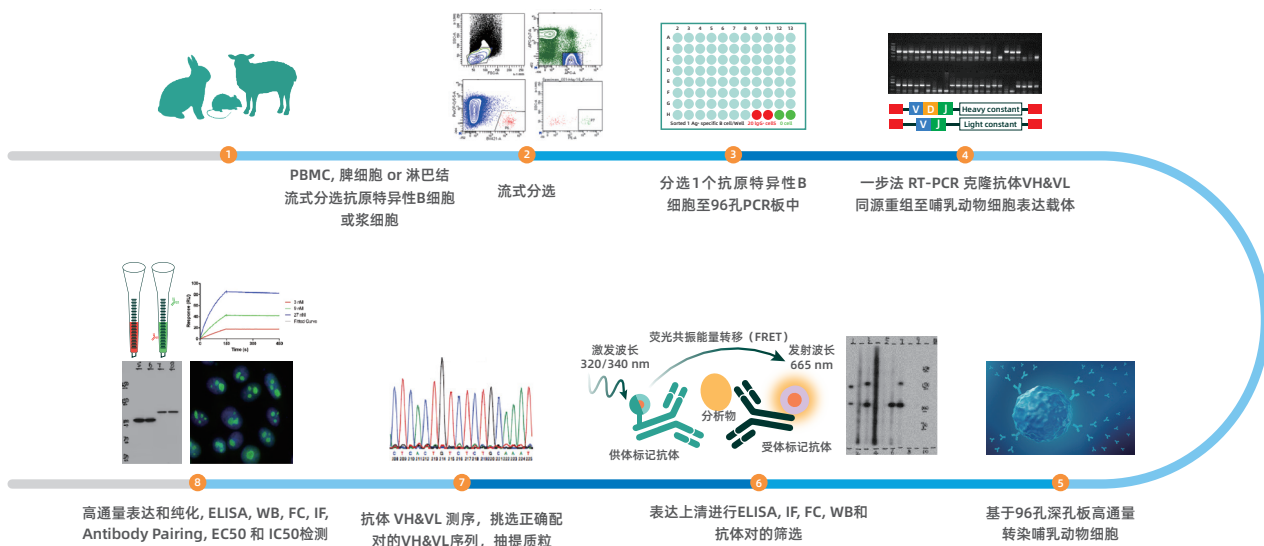
重组流式抗体是 Proteintech 最新一代抗体产品，基于 ABCE™（Antigen-Specific B-Cell Cloning & Engineering）单个 B 细胞抗体发现技术平台而开发。该平台通过将特异性 B 细胞中的抗体重链和轻链基因克隆至拥有自主产权的高表达哺乳动物细胞载体中，在体外实现重组单克隆抗体的稳定高表达。



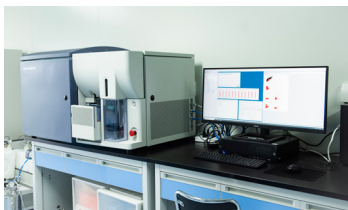
^{*1} 高通量表达上清初筛、高通量纯化抗体二次筛查、抗体上线前检测。

^{*2} Protein A 和混合模式阳或阴离子交换介质两步精纯工艺，确保抗体高纯度。

^{*3} 可开发全长抗体、融合抗体、嵌合抗体和双特异性抗体，Fab、scFv、sdAb 等抗体片段。



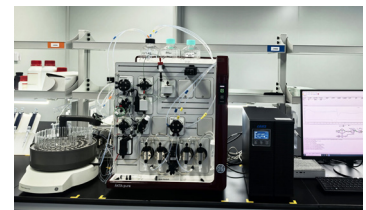
▲ABCE™单个B细胞抗体发现技术平台技术路线



流式细胞分选仪进行单细胞分选



非标记生物分子分析仪进行抗体亲和力测定及筛选



层析系统进行抗体精纯

▲ABCE™单个B细胞抗体发现技术平台部分仪器

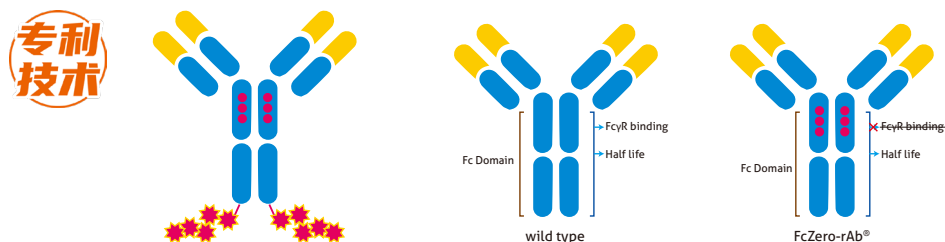
重组流式抗体

源头
创新

FcZero-rAb®Fc 沉默重组流式抗体

Fc 零干扰，流式无背景

FcZero-rAb® Fc 沉默重组流式抗体来自 Proteintech ABCE™ 单个 B 细胞抗体发现和 FcZero® Fc 沉默双重技术平台，在拥有重组抗体一致性的基础上有效避免传统杂交瘤细胞系表达退化的风险，同时能够完全消除 Fc 效应，让流式更简单。



优势：

完全消除 Fc 效应：无需使用 Fc 受体封闭剂，减少非特异性背景的同时降低实验成本。

生物定点标记：远离活性中心，标记具有高度均一性和批间一致性，高水平满足临床样本分析检测要求。

仅需一种同型对照：抗体骨架统一，均为 Fc 沉默的 Rabbit IgG，大大降低实验难度及成本，同时也可根据客户需求，灵活定制不同抗体骨架（如 Human IgG1，Mouse IgG2a 等）。

供应稳定：重组技术，产能高，供应稳定。

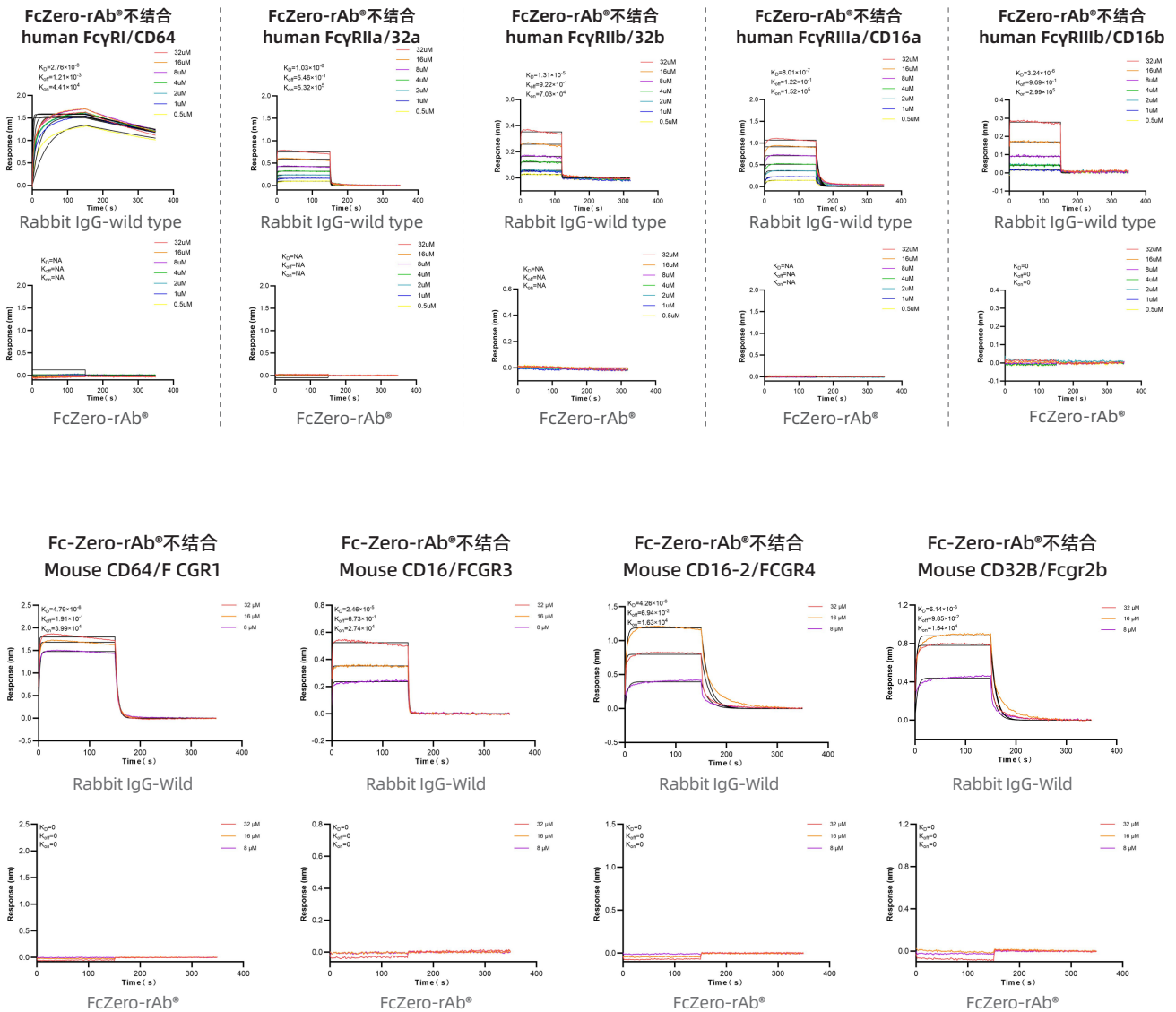
1. FcZero-rAb® 重组流抗完全消除了与人及小鼠 Fc 受体结合

FcZero-rAb®Fc 沉默重组流抗的核心在于 FcZero® 沉默技术，Proteintech 通过该技术在 Rabbit IgG 的 Fc CH2 区域进行关键氨基酸位点突变，屏蔽了抗体与 Fc 受体的结合，形成 Fc silencing（Fc 效应沉默）。该技术完全消除了兔 IgG 的 Fc 段与人及小鼠 Fc 受体的结合，使其在流式细胞术应用中减少了由 Fc 受体结合引起的非特异性背景信号，数据真实性更高。

BLI 法测定亲和力

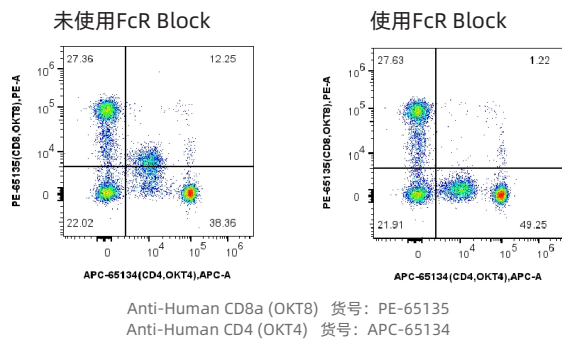
Human Fc 受体类型	Rabbit IgG-wild type	FcZero® 沉默抗体
	是否与其结合	是否与其结合
FcγRI/CD64	√	×
FcγRIIa/32a(167R)	√	×
FcγRIIa/32a(167H)	√	×
FcγRIIb/32b	√	×
FcγRIIIa/CD16a(176F)	√	×
FcγRIIIa/CD16a(176V)	√	×
FcγRIIb/CD16b(NA1 allotype)	√	×
FcγRIIb/CD16b(NA2 allotype)	√	×

Mouse Fc 受体类型	Rabbit IgG-wild type	FcZero® 沉默抗体
	是否与其结合	是否与其结合
FcγRI/CD64	√	×
FcγRIIB	√	×
FcγRIII/CD16	√	×
FcγRIV	√	×

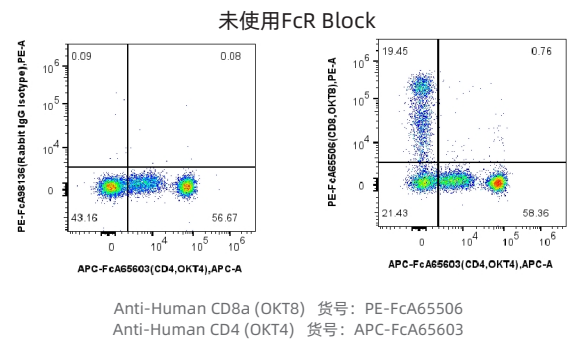


FcZero-rAb® Fc 沉默重组流式抗体 Fc 沉默性能极佳

传统流式抗体



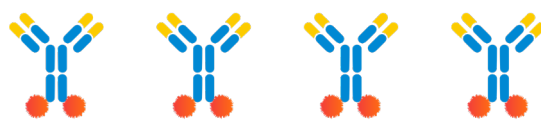
FcZero-rAb® Fc 沉默重组流式抗体



2. FcZero-rAb® 定点定量标记

FcZero-rAb®Fc 沉默重组流式抗体采用了生物定点标记技术，**每一个裸抗分子的 Fc 段都有两个明确标记位点**，可以定点定量标记所需偶联物，确保信号强度的均一性和批次间标记状态的重复性。

生物定点标记



化学随机标记

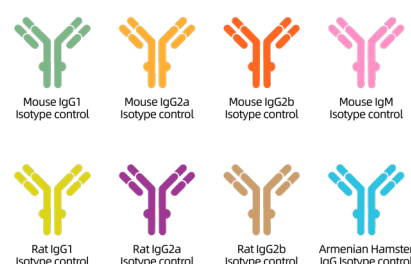


3. FcZero-rAb® 仅需一种同型对照

传统流式抗体即使来源于同一个物种，也可能有多个抗体亚型，比如小鼠 IgG1、IgG2a、IgG2b 和 IgGM（右图）；而 FcZero-rAb®Fc 沉默重组流抗全系列均使用 Rabbit IgG 抗体骨架，不仅能够降低实验难度，还能有效节省成本。



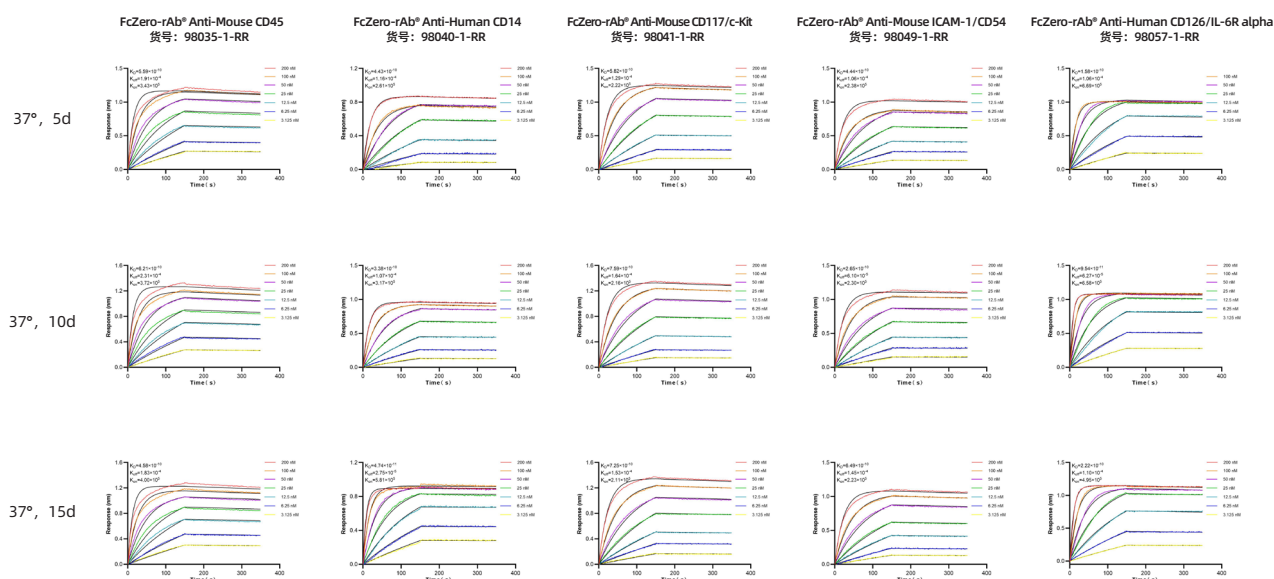
FcZero-rAb™ Rabbit IgG Isotype Control



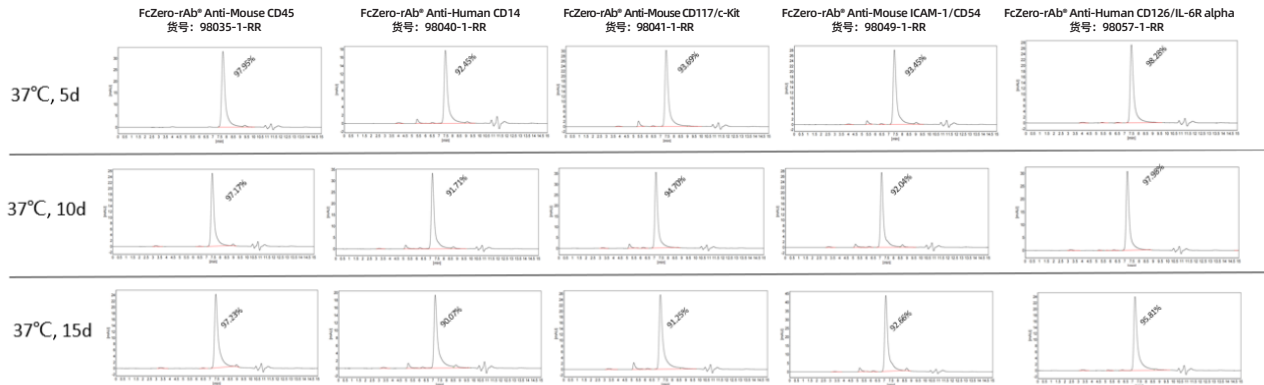
4. FcZero-rAb® 重组流抗热稳定性高

FcZero-rAb®Fc 沉默重组流式抗体，经亲和力测定、SEC-HPLC 纯度分析和流式实验检测，在 4°C 保存 1 年之后，成分依旧单一稳定，具有高生物活性。

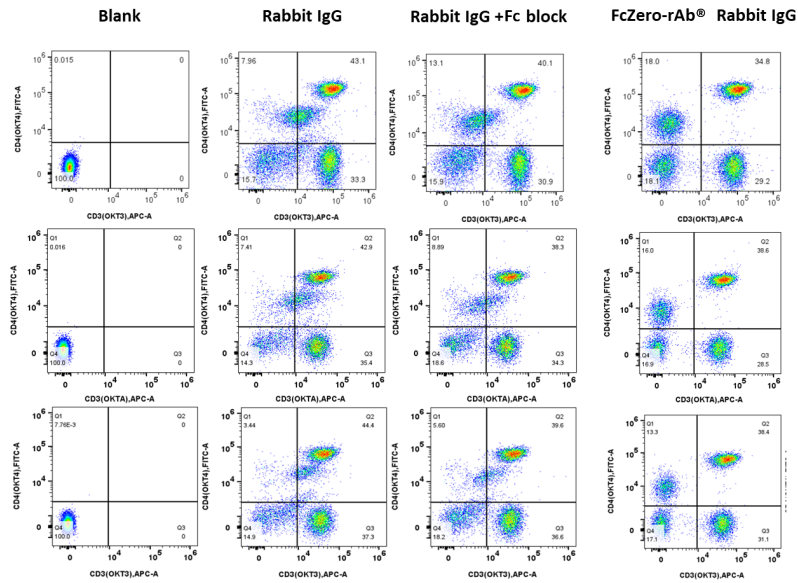
▼多循环亲和力测定



▼ SEC-HPLC 检测

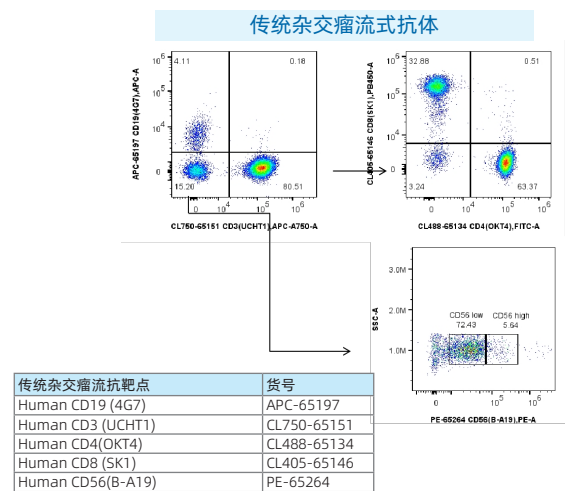
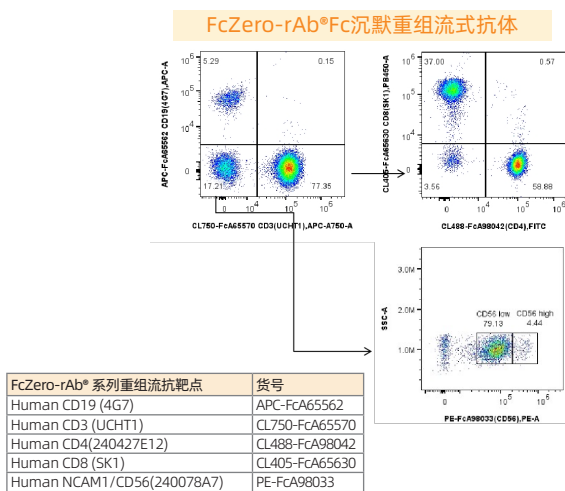


▼ 流式检测



5.FcZero-rAb[®] 重组流抗对比数据

▼ Human TBNK 细胞基础分析



全新克隆重组流式抗体

Proteintech 全新克隆的重组兔单克隆流式抗体经过固定和非固定染色多轮筛选及验证，拥有最佳信号强度和最低背景。



兔单克隆抗体优势

更广的表位识别能力

- 兔子具备更多的抗原呈递CD1 分子(兔子5 个：小鼠1 个)
- 能够识别在啮齿类没有免疫原性的人类抗原表位

抗体多样性好

- 细胞的三个主要不同发育阶段：GALT：肠道相关淋巴组织；SGC：体细胞基因转化；SHM：体细胞超突变
- 抗体长度和序列差异较大，尤其是 CDR3，
- 轻链贡献更多的抗体亲和力

高亲和力

- 兔抗Kd 在皮摩尔(10^{-12}) 水平
- 小鼠单克隆抗体在纳摩尔(10^{-9})水平
- 兔单克隆抗体正常情况下比啮齿类抗体亲和力高10-100 倍

高特异性

- 有能力区分非常相似的蛋白和序列
- 识别小分子和修饰性位点
- 识别表位的细微变化
- 较低的交叉反应

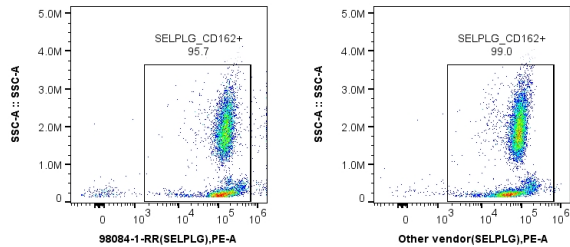
全新克隆重组式抗体优势：

- 1.天然样本严格验证，确保抗体高效性。
- 2.统一兔抗骨架，仅需一种同型对照，操作方便成本低。
- 3.重组技术，产能高，上新快，大量稳定供应。

1. 覆盖靶标类型多样

· 膜蛋白

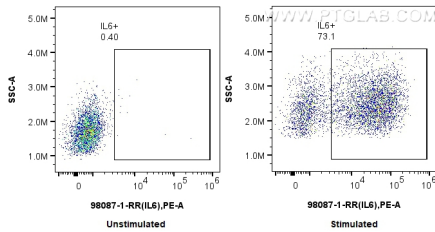
膜蛋白的特异性流式抗体可以帮助研究人员快速进行免疫细胞鉴定等研究。



物种	检测靶点	重组流抗货号	克隆号
Human	CD162	98084-1-RR	241297F10

· 胞内蛋白

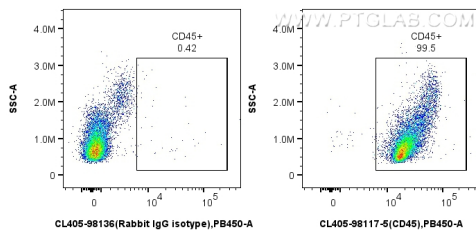
胞内蛋白的特异性流式抗体可以帮助研究人员快速进行免疫细胞功能分析等研究。



物种	检测靶点	重组流抗货号	克隆号
Human	IL-6	98087-1-RR	240670D12

· 猴应用

非人灵长类动物（NHP）如食蟹猴等的体内评价实验在新药的安全性及有效性评估中占据了重要地位。

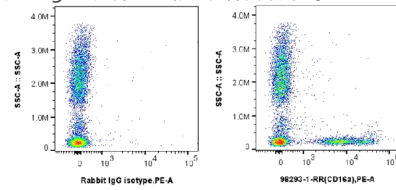


样本: cynomolgus PBMCs

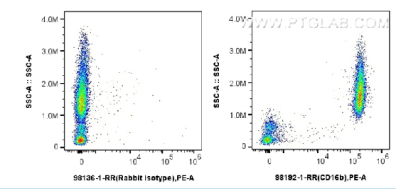
物种	检测靶点	重组流抗货号	克隆号
Human, NHP	CD45	CL405-98117-5	251964B9

· 结构相似，细微差异蛋白

CD16a 和 CD16b 结构上相似，但存在的细微差异影响了它们与 IgG 抗体 Fc 段的结合特性。



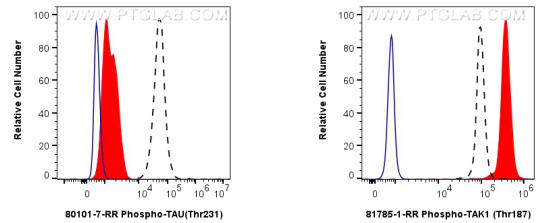
物种	检测靶点	重组流抗货号	克隆号
Human	CD16a	98293-1-RR	242426G11



物种	检测靶点	重组流抗货号	克隆号
Human	CD16b	98192-1-RR	241713E3

· 修饰性蛋白

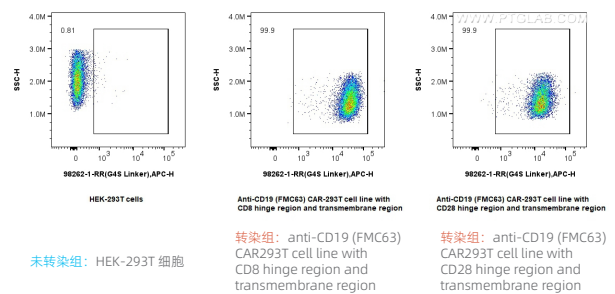
磷酸化蛋白的特异性流式抗体可以帮助研究人员快速、有效地测量单个细胞中的信号级联。



检测靶点	货号	应用	适用物种
Phospho-TAU(Thr231)	80101-7-RR(左)	WB, FC(Intra), ELISA	Human
Phospho-TAK1(Thr187)	81785-1-RR(右)	WB, FC(Intra), ELISA	Human

· CAR阳性率检测抗体

Anti-G4S Linker 抗体可以用于检测和分析含有 G4S 的 CAR-X 细胞，检测 CAR 阳性率及功能评估。



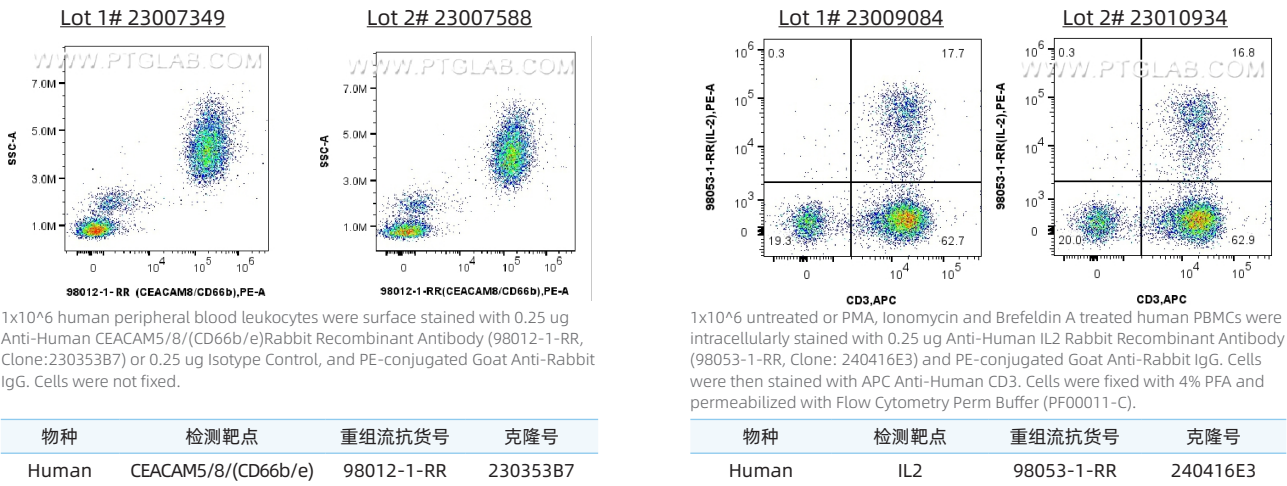
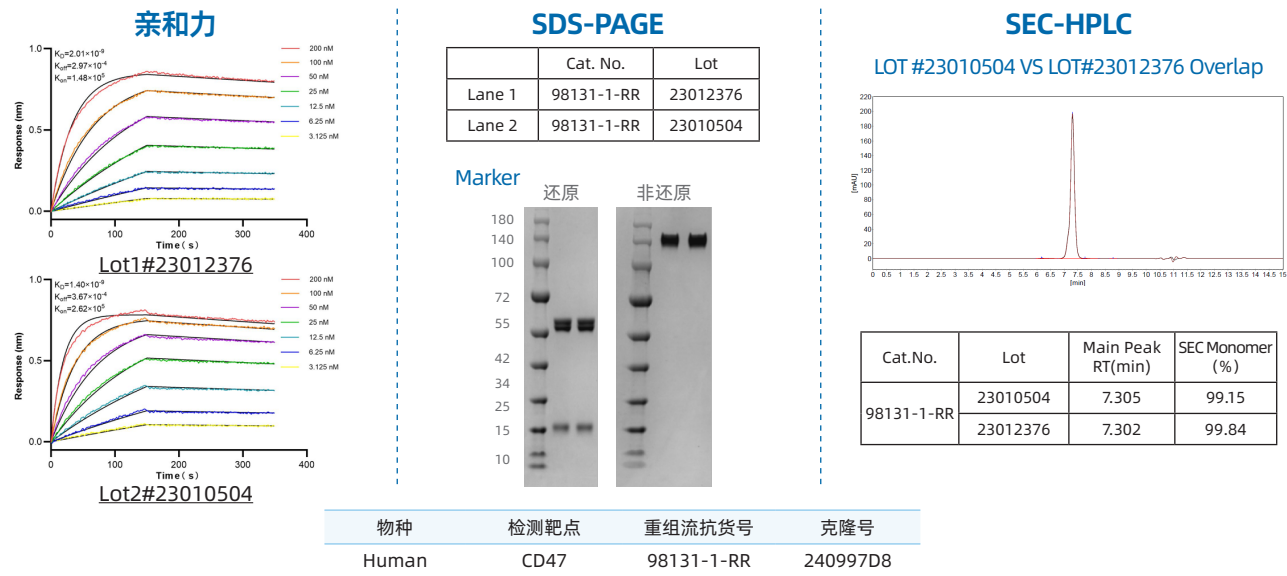
未转染组: HEK-293T 细胞

转染组: anti-CD19 (FMC63)
CAR293T cell line with
CD8 hinge region and
transmembrane region

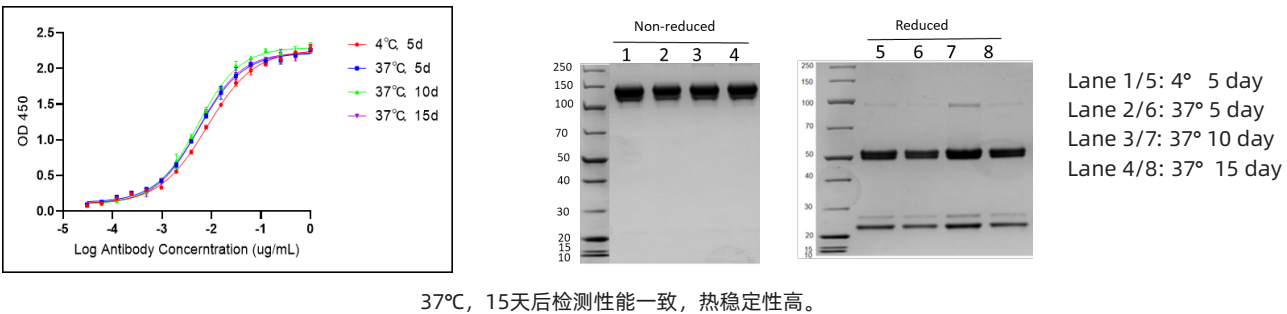
转染组: anti-CD19 (FMC63)
CAR-293T cell line with
CD28 hinge region and
transmembrane region

物种	检测靶点	重组流抗货号	克隆号
N/A	G4S Linker	98262-1-RR	242306C8

2. 批间稳定性高



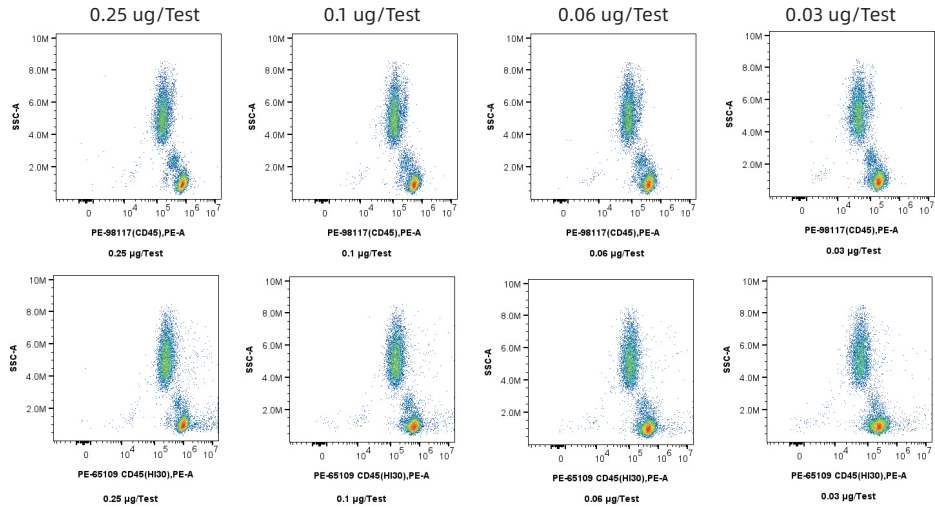
3. 热稳定性高



物种	检测靶点	重组流抗货号	克隆号
Human	CEACAM5/8/(CD66b/e)	98012-1-RR	230353B7

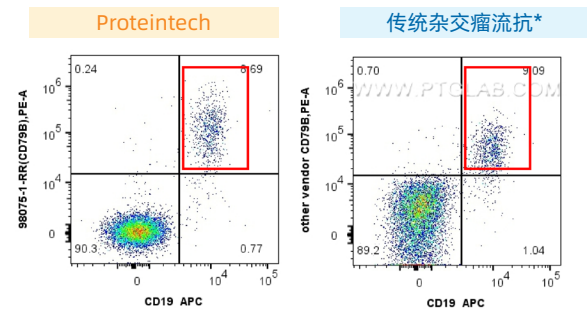
4. 效价高

物种	检测靶点
Human	CD45
重组流抗货号	克隆号
PE-98117	241670E10

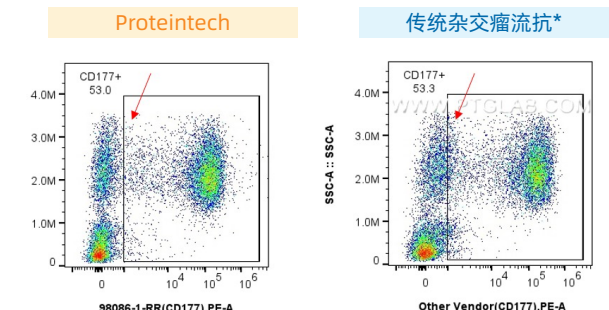


物种	检测靶点
Human	CD45
杂交瘤小鼠单抗货号	克隆号
PE-65109	HI30

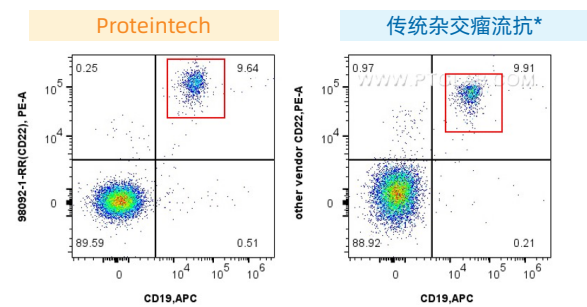
5. 性能优越



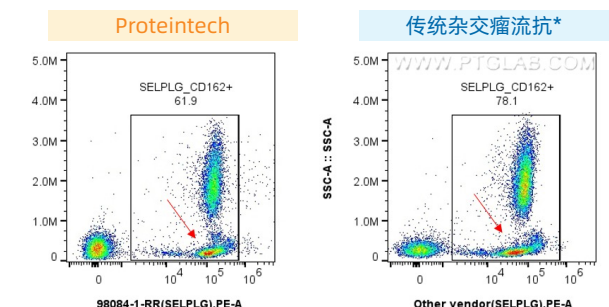
物种	检测靶点	重组流抗货号	克隆号
Human	CD79b	98075-1-RR	241273B7



物种	检测靶点	重组流抗货号	克隆号
Human	CD177	98086-1-RR	241339F4



物种	检测靶点	重组流抗货号	克隆号
Human	CD22	98092-1-RR	241315A1



物种	检测靶点	重组流抗货号	克隆号
Human	SELPLG/CD162	98084-1-RR	241297F10

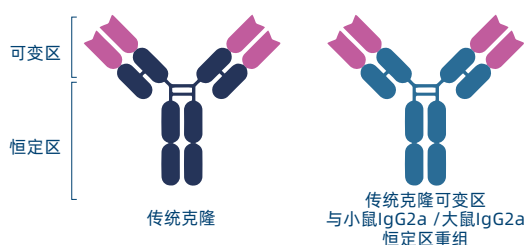
传统克隆重组化流式抗体

杂交瘤来源的抗体依赖细胞培养，可能存在表达退化、批次差异大以及抗体纯度低的风险。Proteintech 将流式细胞术中高引用克隆抗原结合区与小鼠 IgG2a 或大鼠 IgG2a 的骨架重组，获得的抗体同时具备高引用克隆性能及重组抗体一致性优势。

杂交瘤细胞可能产生的风险

1. 额外产生一条功能性轻链的杂交瘤细胞，能够分泌三种不同的抗体，导致非特异性靶点结合。
2. 额外产生一条功能性重链和轻链的杂交瘤细胞，能够分泌 10 种不同的抗体（随机组合），导致非特异性靶点结合。
3. 多细胞融合（一个骨髓瘤细胞与多个脾脏细胞）、异常重组（一个脾脏细胞含有多个链重组）、染色质复制、断裂突变等会导致产生的杂交瘤表达多条正常或不正常的重轻链序列。

（来自 Bradbury ARM, Trinklein ND, Thie H, et, al. 2018 May/Jun;10(4):539-546.）



▲Proteintech传统克隆重组化流式抗体

传统流式重组抗体优势：

1. 抗体骨架统一，同型对照设置简单成本低。
2. 基因确定性抗体，抗体纯度高，特异性高。
3. 重组技术，批间高度一致性且可大量稳定供应。

1. 重组化的抗体骨架统一，同型对照设置简单

杂交瘤单抗

多物种 / 多亚型，同型对照组设置繁琐



Anti-Human CD11b 小鼠单抗
货号：65116-1-Ig 克隆：ICRF44
Isotype: Mouse IgG1, kappa



Anti-Human CD4 小鼠单抗
货号：65134-1-Ig 克隆：OKT4
Isotype: Mouse IgG2b, kappa



Anti-Human CD3 小鼠单抗
货号：65133-1-Ig 克隆：OKT3
Isotype: Mouse IgG2a, kappa

重组抗体

单一物种 / 单一亚型，同型对照组设置简单



Anti-Human CD11b 重组抗体
货号：65582-1-MR 克隆：ICRF44
Isotype: Mouse IgG2a

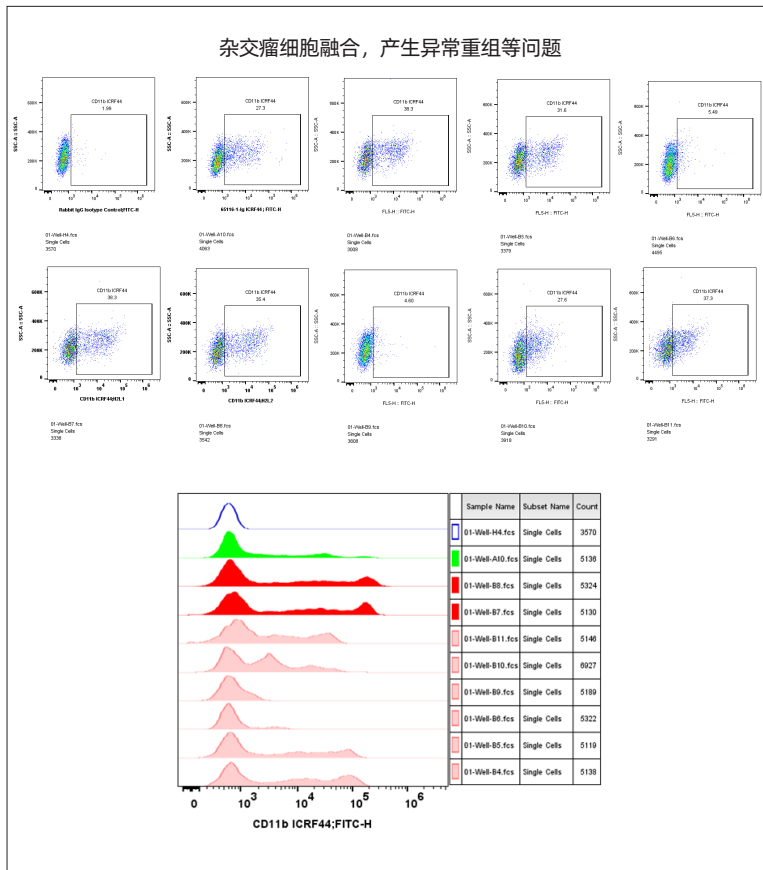


Anti-Human CD4 重组抗体
货号：65603-1-IMR 克隆：OKT4
Isotype: Mouse IgG2a

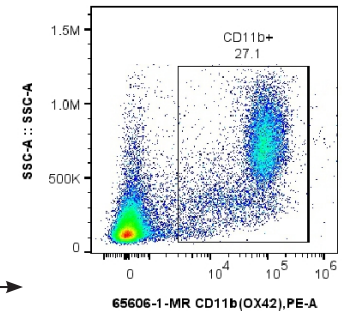


Anti-Human CD4 重组抗体
货号：65569-1-IMR 克隆：OKT3
Isotype: Mouse IgG2a

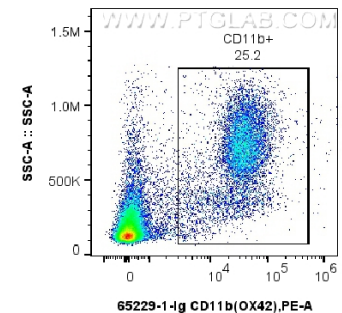
2. 重组化的抗体纯度高，特异性高



Anti-Rat CD11b Mouse IgG2a 重组抗体
货号: 65606-1-MR 克隆号: OX42



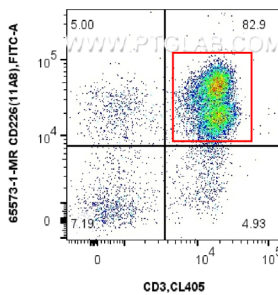
Anti-Rat CD11b Mouse IgG2a 杂交瘤单抗
货号: 65229-1-Ig 克隆号: OX42



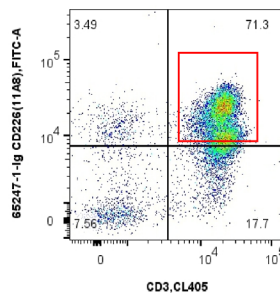
3. 重组化的流抗性能优越

Anti-Human CD226 (11A8)

重组化流抗
货号: 65573-1-MR

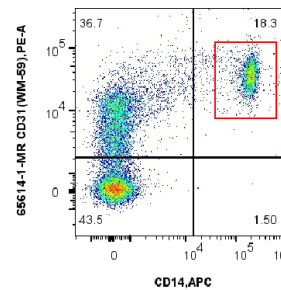


杂交瘤流抗
货号: 65247-1-Ig

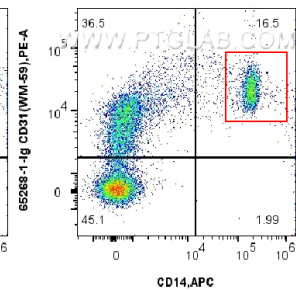


Anti-Human CD31 (WM-59)

重组化流抗
货号: 65614-1-MR



杂交瘤流抗
货号: 65268-1-Ig



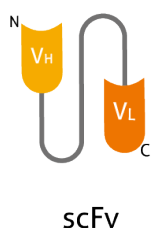
纳米流式检测抗体

Proteintech 已开发出一系列适用于纳米流式检测的**单链抗体 scFv**，助力细胞外囊泡（如外泌体）等纳米颗粒的流式检测；同时生物素偶联的 scfv 抗体灵活度更高，可搭配 Proteintech 的**链霉亲和素产品（货号：PF00030）**或者**Anti-Biotin 抗体（货号：98598-1-RR）**使用。

- 重组技术生产
- 生物定点标记技术加持
- 生物素或荧光染料偶联，灵活度更高
- 上新速度快

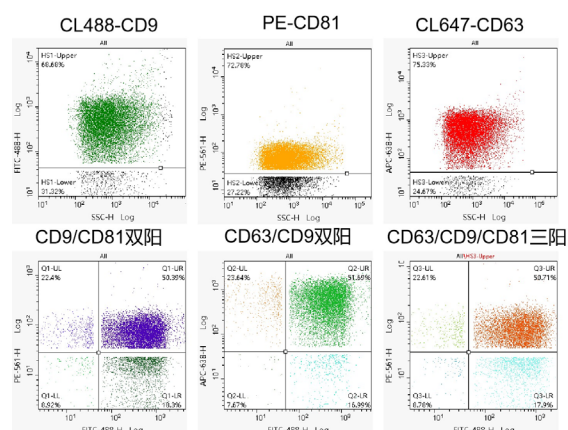
靶标	查询货号	克隆号	靶标	查询货号	克隆号	靶标	查询货号	克隆号
Human/NHP			CD45	SF98117-1-RR	241670E10	Mouse		
CD3	SF98319-2-MR	SP34	CD80	SF98384-1-RR	242913B11	CD3e	SF65651-1-AR	145-2C11
CD4	SF98042-1-RR	240427E12	CD8b	SF98103-1-RR	241326A7	CD4	SF65655-1-TR	RM4-4
CD8a	SF98470-2-RR	243018F10	CD98/SLC3A2	SF98190-1-RR	241755D6	CD5	SF98038-2-RR	240244A7
CD20	SF65575-1-MR	2H7	CD107a / LAMP1	SF98266-2-RR	242116E8	CD24	SF98176-1-RR	241691D7
CD28	SF98032-1-RR	240354D2		SF65596-1-MR	H4A3	CD47	SF98456-3-RR	242850C4
Human			CD107b / LAMP2	SF65566-1-MR	H4B4	CD8a	SF65666-1-TR	53-6.7
CD2	SF65565-1-MR	TS1/8	CD134/OX40	SF98181-1-RR	241398G7	CD8b	SF98461-3-RR	250480F2
CD3	SF65570-1-MR	UCHT1	EGFR	SF98344-1-RR	242684A1	CD147	SF98229-1-RR	241852B4
CD5	SF98054-1-RR	240428A12	EPCAM/CD326	SF98303-5-RR	250626C6	L1CAM/CD171	SF98510-1-RR	250101F8
CD9	SF98095-1-RR	240830E6	ICOS/CD278	SF98214-1-RR	241770G11	NCAM1/CD56	SF98118-1-RR	240936A4
CD19	SF98560-1-RR	250499A2	LIGHT/CD258	SF98063-1-RR	240694D7	N/A		
CD27	SF98346-3-RR	242731G8	PD-1/CD279	SF98068-1-RR	240724G11	scFv Isotype Control	SF98136-1-RR	240953C9
CD40	SF98191-1-RR	241760A9	TCR V γ 5V δ 1	SF98527-1-RR	251677A1		SF98427-1-RR	250862A1
CD40L/CD154	SF98355-2-RR	242847F7	TCR V γ 9V δ 2	SF98526-1-RR	251678A1			

可提供Biotin及20余种荧光染料偶联抗体



Proteintech的scFv抗体可精准检测外泌体。

使用 3 种 scFv 抗体【CD9（CL488-SF98095）、CD63（CL647-SF98318）、CD81（PE-SF98202）】孵育 MSC 来源的外泌体，之后用纳米流式仪进行分析，与未染色组相比，染色组的外泌体荧光强度明显增强。



	CD9-CL488 positive rate	CD81-PE positive rate	CD63-CL647 positive rate	CD9/CD81 positive rate	CD9/CD63 positive rate	CD9/CD63/CD81 positive rate	CD9/CD63/CD81 positive rate after Calculated
EXO-MIX	68.68%	72.78%	75.33%	50.39%	50.69%	50.71%	25.55%

Anti-Biotin抗生物素重组抗体

1. Anti-Biotin 抗体（货号：98598-1-RR）

- » 特异性识别 biotin 修饰的蛋白质或抗体
- » 不识别游离的生物素（如 D-Biotin, L-Biotin）
- » 适用应用：FC, IF/ICC
- » 提供 FcZero-rAb® 系列

2. Anti-Biotin 抗体（货号：86349-3-RR）

- » 重组技术开发
- » 特异性识别 biotin 修饰的蛋白质或抗体
- » 适用应用：WB、ELISA

猴及稀有物种重组流式抗体

Proteintech 已开发出一系列适用于以猴、猪、犬等为模型的免疫表型及机制研究抗体，为企业用户深入了解药物对免疫系统的影响、评估药物的免疫调节活性以及预测药物在临床应用中的安全性和有效性提供强有力的支持。

- 重组技术生产
- Fc 沉默及生物定点标记技术支持
- 20+ 种荧光染料灵活搭配

适用于非人灵长类动物的流式抗体（更多产品持续上新中）

橙色字体为 FcZero-rAb® Fc 沉默系列重组流抗

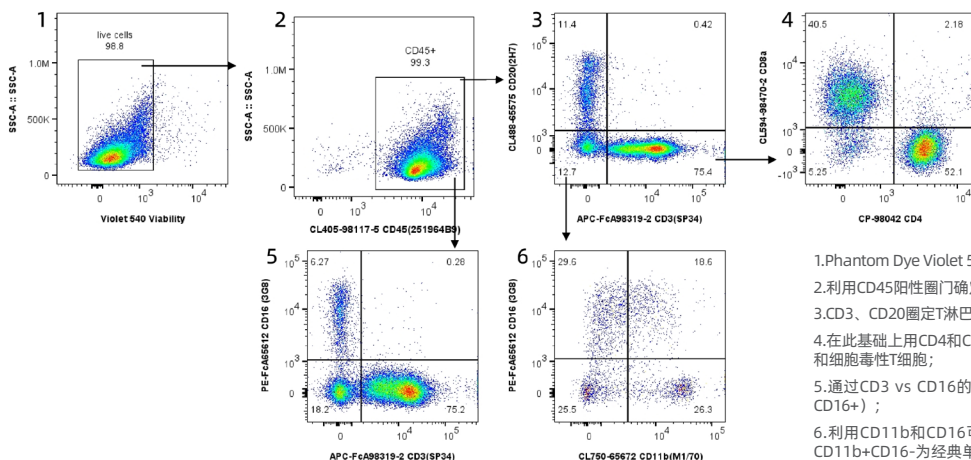
靶点名称	克隆号	查询货号	抗体类型
CD3	SP34	FcA98319-2	重组流抗
		98319-2-MR	重组流抗
CD4	240427E12	FcA98042	重组流抗
		98042-1-RR	重组流抗
CD8	SK1	FcA65630	重组流抗
		65630-1-MR	重组流抗
CD8a	243018F10	FcA98470	重组流抗
		98470-2-RR	重组流抗
CD11b	M1/70	FcA65672	重组流抗
		65672-1-TR	重组流抗
		65055-1-Ig	杂交瘤流抗
CD13	WM15	65186-1-Ig	杂交瘤流抗
CD14	230332D7	FcA98040	重组流抗
		98040-1-RR	重组流抗
CD16	3G8	FcA65612	重组流抗
		65612-1-MR	重组流抗
CD19	253337A1	FcA98560-3	重组流抗
		98560-3-RR	重组流抗
CD20	2H7	FcA65575	重组流抗
		65575-1-MR	重组流抗
CD25/IL-2RA	253320A1	FcA98469-4	重组流抗
	253320A1	98469-4-RR	重组流抗
	240906B7	98469-2-RR	重组流抗
	BC96	65096-1-Ig	杂交瘤流抗

靶点名称	克隆号	查询货号	抗体类型
CD28	240354D2	FcA98032	重组流抗
		98032-1-RR	重组流抗
CD38	241246D5	FcA98148	重组流抗
		98148-2-RR	重组流抗
CD41	HIP8	65173-1-Ig	杂交瘤流抗
CD45	251964B9	98117-5-RR	重组流抗
		FcA65572	重组流抗
CD64	10.1	65572-1-MR	重组流抗
		65253-1-Ig	杂交瘤流抗
CD69	241552G10	98173-2-RR	重组流抗
		FcA65581	重组流抗
CD83	HB15e	65581-1-MR	重组流抗
		FcA65560	重组流抗
HLA-DR	L243	65560-1-MR	重组流抗
		65218-1-Ig	杂交瘤流抗
Integrin Beta 1/CD29	TS2/16	FcA65601	重组流抗
		65601-1-MR	重组流抗
PD-1/CD279	EH12.2H7	65191-1-Ig	杂交瘤流抗
		65168-1-Ig	杂交瘤流抗
P-Selectin/CD62P	AK4	65164-1-Ig	杂交瘤流抗
		FcA98023-2	重组流抗
TIGIT	240423C7	98023-2-RR	重组流抗

Cnyo PBMCs TBNK Basics Panel 食蟹猴 TBNK 基础染色方案

配色方案

激光 (nm)	荧光染料	靶点	克隆	流抗货号	抗体亚型	应用
405	Coralite® Plus 405	CD45	251964B9	CL405-98117-5	Rabbit IgG	白细胞标志物
488	Coralite® Plus 488	CD20	2H7	CL488-65575	Mouse IgG2a	B 细胞标志物
633	APC	CD3	SP34	APC-FcA98319-2	Rabbit IgG	T 细胞标志物
488	PerCp	CD4	240427E12	CP-98042	Rabbit IgG	辅助性 T 细胞标志物
488	Coralite® 594	CD8a	243018F10	CL594-98470-2	Rabbit IgG	细胞毒性 T 细胞标志物
561	PE	CD16	3G8	PE-FcA65612	Mouse IgG2a	自然杀伤细胞标志物
633	Coralite® Plus 750	CD11b	M1/70	CL750-65672	Rat IgG2a	单核细胞标志物



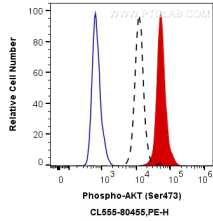
1. Phantom Dye Violet 540染料 (PD00006) 确定活细胞群；
2. 利用CD45阳性圈门确定白细胞群体；
3. CD3、CD20圈定T淋巴细胞与B淋巴细胞。
4. 在此基础上用CD4和CD8a分别来确定辅助（或诱导）T细胞和细胞毒性T细胞；
5. 通过CD3 vs CD16的散点图初步确定经典NK细胞（CD3-CD16+）；
6. 利用CD11b和CD16可以对单核细胞亚群进行分析，其中CD11b+CD16-为经典单核细胞群、CD11b+CD16+为非经典单核细胞群。

磷酸化蛋白的流式检测

大多数磷酸化发生在丝氨酸(Ser)、苏氨酸(Thr)和酪氨酸(Tyr)残基上,引起蛋白构象改变,调控细胞生理活动,如代谢,增殖,凋亡等。磷酸化蛋白的流式检测实现了同时在不同单细胞或细胞亚群水平上的多参数分析,精准度大大提高,在肿瘤学、免疫学等研究领域应用越来越广泛。

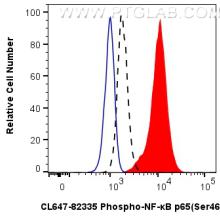
Proteintech 提供一系列针对磷酸化蛋白流式检测抗体及辅助试剂盒,助力高效研究。

CoraLite®555偶联Phospho-AKT(Ser473)
重组兔单抗
货号: CL555-80455



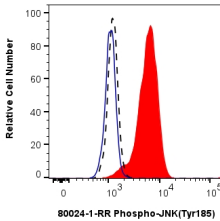
样本: HEK293 (虚线); Calyculin A刺激HEK293 (红色); 同型对照 (蓝色)
同型对照: CL555-Rabbit IgG Isotype Control (CL555-98136)

CoraLite® Plus 647偶联Phospho-NF-κB p65 (Ser468)
重组兔单抗
货号: CL647-82335



样本: NIH3T3 (虚线); Calyculin A刺激NIH3T3 (红色); 同型对照 (蓝色)
同型对照: CL647-Rabbit IgG Isotype Control (CL647-98136)

流式检测磷酸化蛋白固定通透试剂盒
货号: PF00026



样本: HEK293 (虚线); Calyculin A刺激HEK293 (红色); 同型对照 (蓝色)
一抗: Phospho-JNK (Tyr185)重组兔单抗 (80024-1-RR)
二抗: CL488偶联羊抗兔二抗 (SA00013-2)
同型对照: CL488-Rabbit IgG Isotype Control (CL488-98136)

磷酸化蛋白的流式检测抗体 (部分)

可提供 20 余种荧光染料, 更多产品请登录官网查看

检测靶点	查询货号	类型	适用物种
Phospho-AKT (Ser473)	80455-1-RR	重组兔单抗	Human
Phospho-AKT1 (Ser473)	80462-1-RR	重组兔单抗	Human,Mouse
Phospho-Beta Catenin (Ser33)	80067-1-RR	重组兔单抗	Human
Phospho-Caspase 9 (Ser196)	80346-1-RR	重组兔单抗	Human,Mouse
Phospho-CREB1 (Ser133)	81871-1-RR	重组兔单抗	Human
Phospho-EIF2S1 (Ser51)	68023-1-Ig	小鼠单抗	Human,Rat,Mouse
Phospho-GSK3B (Ser9)	67558-1-Ig	小鼠单抗	Human
Phospho-Hamartin/TSC1 (Ser511)	80340-1-RR	重组兔单抗	Human,Mouse
Phospho-Histone H3 (Ser10)	66863-1-Ig	小鼠单抗	Human,Rat,Mouse
Phospho-HSP27 (Ser15)	83332-3-RR	重组兔单抗	Human
Phospho-JUN (Ser73)	80086-1-RR	重组兔单抗	Human,Mouse
Phospho-JUN (Thr91/93)	81667-2-RR	重组兔单抗	Human,Mouse
Phospho-MEK1 (Thr292)	67873-1-Ig	小鼠单抗	Human,Mouse,Rat
Phospho-MST1 (Thr183)/MST2 (Thr180)	80093-1-RR	重组兔单抗	Human
Phospho-mTOR (Ser2448)	80596-1-RR	重组兔单抗	Human,Rat
Phospho-MYL9 (Thr19/Ser20)	82717-1-RR	重组兔单抗	Human,Mouse
Phospho-NF-κB p65 (Ser468)	82335-1-RR	重组兔单抗	Human,Mouse
Phospho-P53 (Ser15)	80195-1-RR	重组兔单抗	Human
Phospho-P53 (Ser46)	67900-1-Ig	小鼠单抗	Human
Phospho-PERK/EIF2AK3 (Thr982)	82534-1-RR	重组兔单抗	Human,Mouse
Phospho-RB1 (Ser780)	84692-1-RR	重组兔单抗	Human
Phospho-RIPK1 (Ser161)	66854-1-Ig	小鼠单抗	Human
Phospho-RPS6KA1 (Ser380)	80108-1-RR	重组兔单抗	Human,Mouse
Phospho-S6 Ribosomal protein (Ser235)	67898-1-Ig	小鼠单抗	Human,Mouse,Rat
Phospho-SMAD2 (Ser465/467)/SMAD3 (Ser423/425)	80427-2-RR	重组兔单抗	Human
Phospho-STAT5A (Tyr694)/STAT5B (Tyr699)	80115-1-RR	重组兔单抗	Human
Phospho-STK11 (Thr189)	80127-1-RR	重组兔单抗	Human,Mouse
Phospho-TAK1 (Thr187)	81785-1-RR	重组兔单抗	Human
Phospho-TAU (Thr231)	80101-7-RR	重组兔单抗	Human
Phospho-TSC2 (Ser939)	81654-1-RR	重组兔单抗	Human

流式检测磷酸化蛋白固定通透试剂盒 (货号: PF00026)

适用于大部分磷酸化蛋白的流式检测。试剂盒中包括固定剂, 通透剂及缓冲液。

本产品含有多聚甲醛, 甲醇, FBS 以及叠氮化钠 (≤ 0.09%)。

免疫细胞分型 Panel

Proteintech 可提供人 / 小鼠 / 非灵长类动物 (如猴) TBNK、T 细胞、B 细胞、单核细胞、间充质干细胞以及巨噬细胞等即用型染色方案。

● 重组流式抗体

● 稳定供应

● 提供FcZero-rAb®系列panel

FcZero-rAb® Human TBNK Basics Panel (货号: PK30050)

靶标名称	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD19	4G7	APC-FcA65562	Rabbit IgG
CD4	240427E12	CL488-FcA98042	Rabbit IgG
CD8	SK1	CL405-FcA65630	Rabbit IgG
CD56	240078A7	PE-FcA98033	Rabbit IgG

FcZero-rAb® Human B Cell Basics Panel (货号: PK30052)

靶标名称	克隆号	货号	抗体亚型
CD45	241670E10	CL488-FcA98117	Rabbit IgG
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD19	4G7	APC-FcA65562	Rabbit IgG
CD20	2H7	PE-FcA65575	Rabbit IgG
CD21	BU32	CL405-FcA65591	Rabbit IgG

FcZero-rAb® Human Monocyte Basics Panel (货号: PK30054)

靶标名称	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
HLA-DR	L243	PE-FcA65560	Rabbit IgG
CD14	230332D7	CL488-FcA98040	Rabbit IgG
CD16	3G8	CL405-FcA65612	Rabbit IgG
CD64	10.1	APC-FcA65572	Rabbit IgG

FcZero-rAb® Human Memory/Naïve T Cell Panel (货号: PK30058)

靶标	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD4	240427E12	APC-FcA98042	Rabbit IgG
CD8	SK1	CL405-FcA65630	Rabbit IgG
CD45RA	F8-11-13	CL488-FcA65590	Rabbit IgG
CD45RO	UCHL1	PE-FcA65613	Rabbit IgG

Non-Human Primate Phenotyping Basics Panel (货号: PK30057)

靶标名称	克隆号	货号	抗体亚型
CD45	251964B9	CL405-98117-5	Rabbit IgG
CD20	2H7	CL488-65575	Mouse IgG2a
CD3	SP34	APC-FcA98319-2	Rabbit IgG
CD4	240427E12	CP-98042	Rabbit IgG

FcZero-rAb® Human T Cell Basics Panel (货号: PK30051)

靶标名称	克隆号	货号	抗体亚型
CD45	241670E10	PE-FcA98117	Rabbit IgG
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD19	4G7	APC-FcA65562	Rabbit IgG
CD4	240427E12	CL488-FcA98042	Rabbit IgG
CD8	SK1	CL405-FcA65630	Rabbit IgG

FcZero-rAb® Human NK Cell Basics Panel (货号: PK30053)

靶标名称	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD226	11A8	APC-FcA65573	Rabbit IgG
CD56	240078A7	CL488-FcA98033	Rabbit IgG
CD16	3G8	CL405-FcA65612	Rabbit IgG
CD7	242402H8	PE-FcA98204	Rabbit IgG

FcZero-rAb® Mouse Macrophage Basics Panel (货号: PK30055)

靶标名称	克隆号	货号	抗体亚型
CD45	240356D1	CL405-FcA98035	Rabbit IgG
CD11b	M1/70	CL594-FcA65672	Rabbit IgG
F4/80	241959G4	CL488-FcA98236	Rabbit IgG
CD86	230476B8	PE-FcA98025	Rabbit IgG
CD206	240344D12	APC-FcA98031	Rabbit IgG

Human Mesenchymal Stem Cell Basics Panel (货号: PK30056)

靶标名称	克隆号	货号	抗体亚型
CD44	F10-44-2	CL594-65608	Mouse IgG2a
CD90	241290B2	CL488-98126	Rabbit IgG
Endoglin/CD105	241196D9	CL647-98013-2	Rabbit IgG
CD73	AD2	PY7-65564	Mouse IgG2a
★Lineage Cocktail	\	PK31001	Rabbit IgG及Mouse IgG2a

★Lineage Cocktail 组分为:

CD45 (克隆号: 241670E10), CD34 (克隆号: 242069A6), CD14 (克隆号: 230332D7), CD11b (克隆号: ICRF44), CD19 (克隆号: 4G7), HLA-DR (克隆号: L243)

重组流式裸抗 / 功能级抗体

重组智选, 企业流式原料可靠之选
可提供 mg 至 g 级包装规格

提供多种不同缓冲液配方 满足不同需求

✓ 功能级

✓ PBS-Only

✓ PBS、Azide

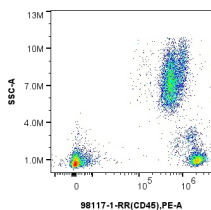
✓ 其他可定制

重组流式抗体应用对比数据

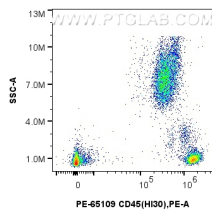
经充分测试，Proteintech 的重组流式抗体与传统克隆相比具有相似或更优越的性能。

CD45 (白细胞共同抗原)

全新克隆重组流抗



传统杂交瘤流抗*

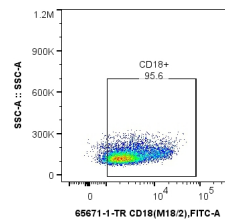


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD45 Rabbit Recombinant Antibody (98117-1-RR, Clone:241670E10) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD45 (Hi30) (PE-65109, Clone: Hi30) (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

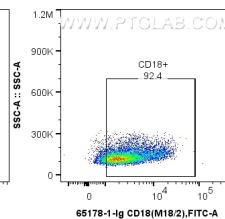
物种	检测靶点	重组流抗货号	克隆号
Human	CD45	98117-1-RR	241670E10

CD18 (白细胞)

传统克隆重组化流抗



传统杂交瘤流抗

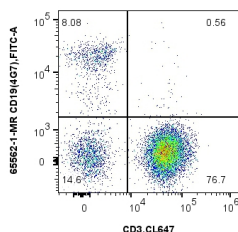


1x10⁶ mouse thymocytes were surface stained with 0.5 ug Anti-Mouse CD18 (M18/2) Rat IgG2a RecAb (65671-1-TR, Clone:M18/2)(left), or Anti-Mouse CD18 (M18/2) (65178-1-Ig, Clone: M18/2, 51001167)(right) and FITC anti-Rat IgG2a antibody. Cells were not fixed.

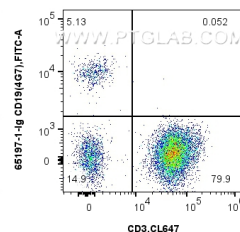
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD18	65671-1-TR	M18/2

CD19 (B 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

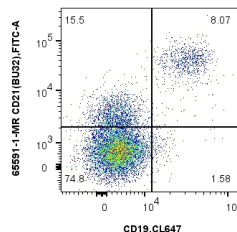


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD19 Mouse IgG2a Recombinant Antibody (65562-1-MR, Clone:4G7) (left) or 0.25 ug Anti-Human CD19 (65197-1-Ig, Clone: 4G7) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

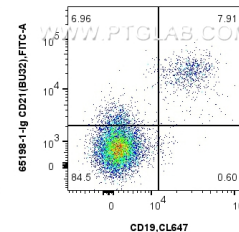
物种	检测靶点	重组流抗货号	克隆号
Human	CD19	65562-1-MR	4G7

CD21 (B 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

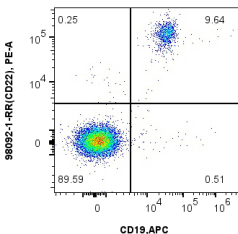


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD21 Mouse IgG2a Recombinant Antibody (65591-1-MR, Clone: BU32) (left) or 0.25 ug Anti-Human CD21 (65198-1-Ig, Clone: BU32) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

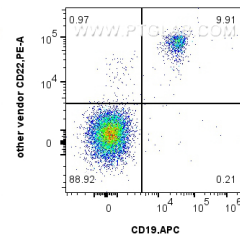
物种	检测靶点	重组流抗货号	克隆号
Human	CD21	65591-1-MR	BU32

CD22 (B 细胞)

全新克隆重组流抗



传统杂交瘤流抗*

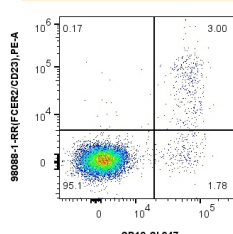


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD22 Rabbit Recombinant Antibody (98092-1-RR, Clone:241315A1) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD22 (right). Cells were co-stained with APC Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

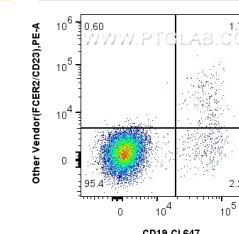
物种	检测靶点	重组流抗货号	克隆号
Human	CD22	98092-1-RR	241315A1

CD23 (B 细胞)

全新克隆重组流抗



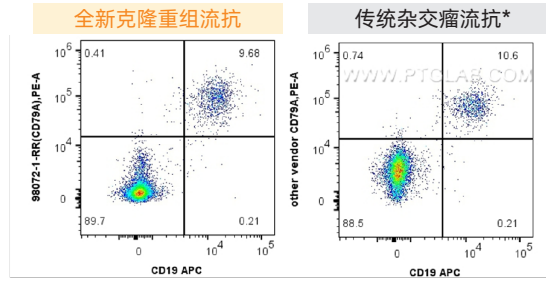
传统杂交瘤流抗*



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD23 Rabbit Recombinant Antibody (98088-1-RR, Clone:241270C6) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD23 (right). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD23	98088-1-RR	241270C6

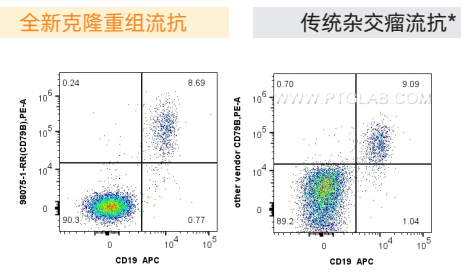
CD79a (B 细胞)



1x10⁶ human PBMCs were intracellularly stained with 0.25 ug Anti-Human CD79a Rabbit Recombinant Antibody (98072-1-RR, Clone: 241299F3) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug other vendor PE Anti-Human CD79a (right). Cells were co-stained with APC Anti-Human CD19. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

物种	检测靶点	重组流抗货号	克隆号
Human	CD79a	98072-1-RR	241299F3

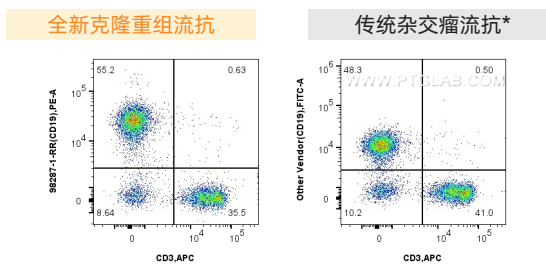
CD79b (B 细胞)



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD79b Rabbit Recombinant Antibody (98075-1-RR, Clone: 241273B7) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug other vendor PE Anti-Human CD79b (right). Cells were co-stained with APC Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD79b	98075-1-RR	241273B7

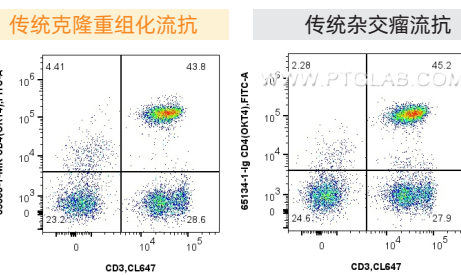
CD19 (B 细胞)



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD19 Rabbit RecAb (98287-1-RR, Clone: 242301C6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Mouse	CD19	98287-1-RR	242301C6

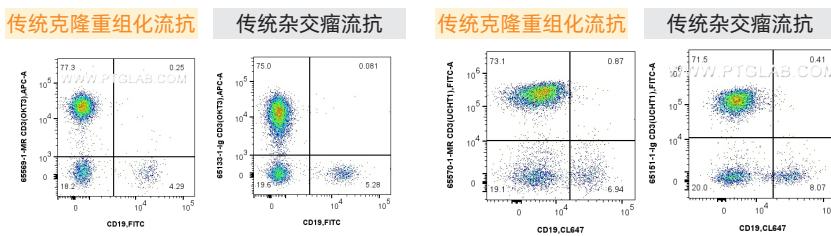
CD4 (T 细胞)



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD4 Mouse IgG2a Recombinant Antibody (65603-1-MR, Clone: OKT4) (left) or 0.25 ug Anti-Human CD4 (65134-1-Ig, Clone: OKT4) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite[®] Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

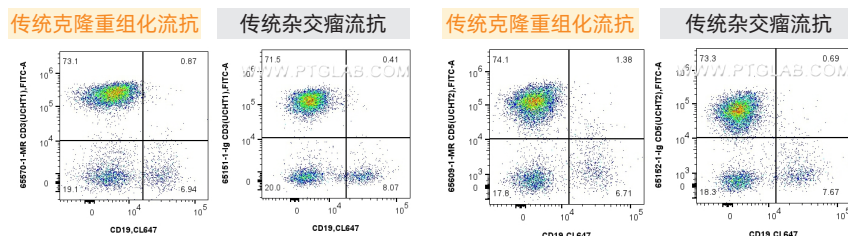
物种	检测靶点	重组流抗货号	克隆号
Human	CD4	65603-1-MR	OKT4

CD3 (T 细胞)



1x10⁶ human PBMCs were surface stained with 0.5 ug Anti-Human CD3 (OKT3) Mouse Recombinant Antibody (65569-1-MR, Clone: OKT3) (left) or 0.5 ug Anti-Human CD3 (OKT3) (65133-1-Ig, Clone: OKT3) (right) and CoraLite[®]647-conjugated AffiniPure F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L). Cells were co-stained with FITC Plus Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

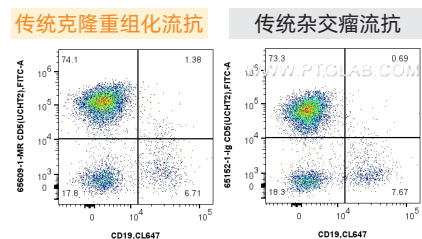
物种	检测靶点	重组流抗货号	克隆号
Human	CD3	65569-1-MR	OKT3



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD3 Mouse IgG2a Recombinant Antibody (65570-1-MR, Clone: UCHT1) (left) or 0.25 ug Anti-Human CD3 (65151-1-Ig, Clone: UCHT1) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite[®] Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD3	65570-1-MR	UCHT1

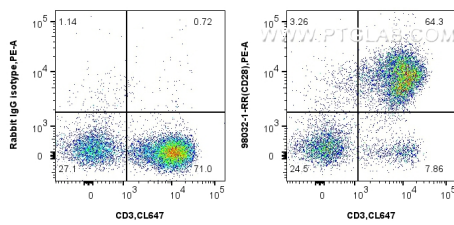
CD5 (T 细胞)



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD5 Mouse IgG2a Recombinant Antibody (65609-1-MR, Clone: UCHT2) (left) or 0.25 ug Anti-Human CD5 (65152-1-Ig, Clone: UCHT2) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite[®] Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD5	65609-1-MR	UCHT2

CD28 (T细胞)

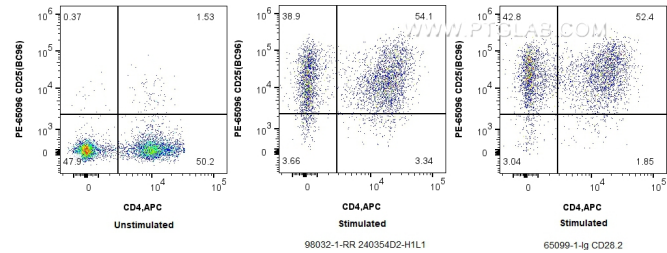


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD28 Rabbit Recombinant Antibody (98032-1-RR, Clone: 240354D2) or isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD28	98032-1-RR	240354D2

全新克隆重组流抗

传统杂交瘤流抗

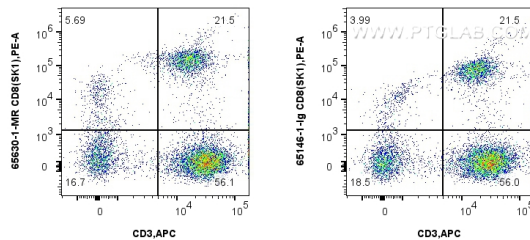


T cell activation efficacy was assessed by surface stained of human PBMCs with PE Anti-Human CD25. Cells were untreated (left) or treated with Anti-Human CD3 and Anti-Human CD28 Rabbit Recombinant Antibody (98032-1-RR, Clone: 240354D2) (mid) or Anti-Human CD28 (65099-1-Ig, Clone: CD28.2) (right). Cells were co-stained with APC anti-Human CD4. Cells were not fixed.

CD8 (T细胞)

传统克隆重组化流抗

传统杂交瘤流抗



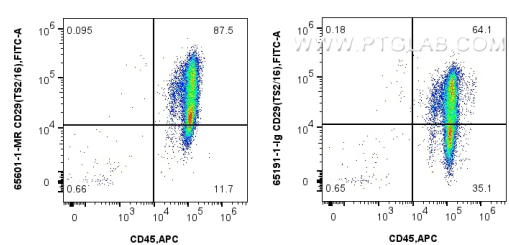
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD8 (SK1) Mouse IgG2a Recombinant Antibody (65630-1-MR, Clone: SK1) (left) or 0.25 ug Anti-Human CD8 (SK1) (65146-1-Ig, Clone: SK1) (right) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with APC Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD8	65630-1-MR	SK1

CD29 (T细胞 / 间充质干细胞)

传统克隆重组化流抗

传统杂交瘤流抗



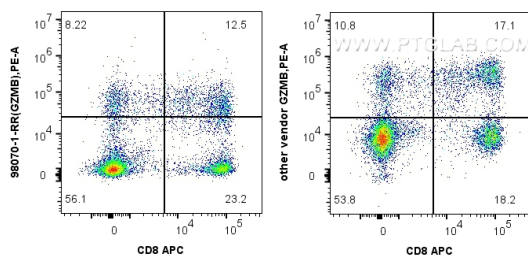
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD29 Mouse IgG2a Recombinant Antibody (65601-1-MR, Clone: TS2/16) (left) or 0.25 ug Anti-Human CD29 (TS2/16) (65191-1-Ig, Clone: TS2/16) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD45. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD29	65601-1-MR	TS2/16

Granzyme B (T细胞)

全新克隆重组流抗

传统杂交瘤流抗*



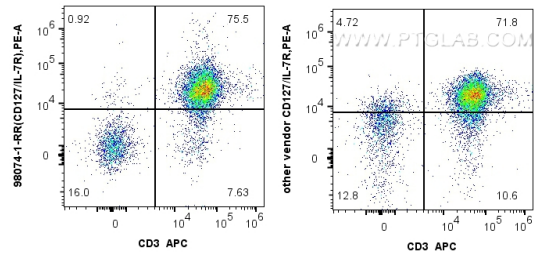
1x10⁶ human PBMCs were intracellularly stained with 0.25 ug Anti-Human Granzyme B Rabbit Recombinant Antibody (98070-1-RR, Clone: 240761G4) or isotype control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG. Cells were co-stained with APC Anti-Human CD8a. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

物种	检测靶点	重组流抗货号	克隆号
Human	Granzyme B	98070-1-RR	240761G4

IL-7Ra/CD127 (T细胞)

全新克隆重组流抗

传统杂交瘤流抗*

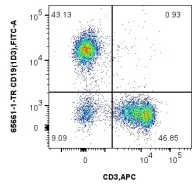


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody (98074-1-RR, Clone: 240749H2) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human IL-7Ra/CD127 (right). Cells were co-stained with APC Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

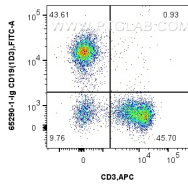
物种	检测靶点	重组流抗货号	克隆号
Human	IL-7Ra/CD127	98074-1-RR	240749H2

CD3 (T 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

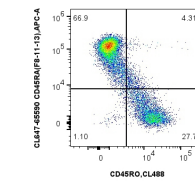


1x10⁶ mouse splenocytes were surface stained with 0.5 μ g Anti-Mouse CD19 (1D3) Rat IgG2a RecAb (65661-1-TR, Clone:1D3) and FITC anti-Rat IgG2a antibody, or 0.5 μ g Anti-Mouse CD19 (1D3) (65290-1-Ig, Clone: 1D3). Cells were then stained with APC Anti-Mouse CD3 (17A2) (APC-65077, Clone: 17A2). Cells were not fixed.

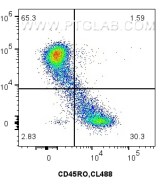
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD3	65661-1-TR	1D3

CD45RA (T 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

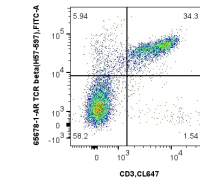


1x10⁶ human PBMCs were surface stained with CoraLite[®] Plus 488 Anti-Human CD45RO and 5 μ l CoraLite[®] Plus 647 Anti-Human CD45RA (F8-11-13) Mouse IgG2a RecAb (CL647-65590, Clone:F8-11-13) or 5 μ l CoraLite[®] Plus 647 Anti-Human CD45RA (F8-11-13) (CL647-65226, Clone: F8-11-13). Cells were not fixed.

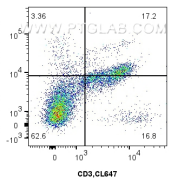
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD45RA	CL647-65590	F8-11-13

TCR beta (T 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

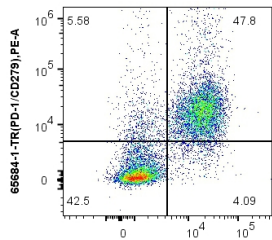


1x10⁶ mouse splenocytes were surface stained with 0.5 μ g Anti-Mouse TCR beta (H57-597) Hamster IgG2a RecAb (65678-1-AR, Clone:H57-597) (left) or 0.5 μ g Anti-Mouse TCR beta (H57-597) (65106-1-Ig, Clone: H57-597) (right) and FITC-conjugated Anti-Armenian Hamster IgG antibody. Cells were co-stained with CoraLite[®] Plus 647 Anti-Mouse CD3. Cells were not fixed.

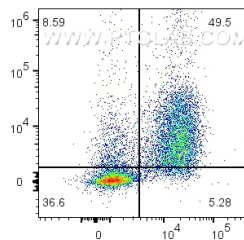
物种	检测靶点	重组流抗货号	克隆号
Mouse	TCR beta	65678-1-AR	H57-597

PD-1/CD279 (T 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

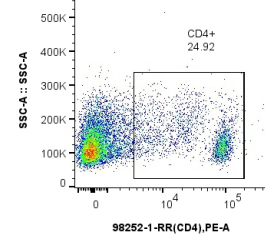


1x10⁶ CD3/CD28 treated mouse splenocytes were surface stained with 0.25 μ g Anti-Mouse PD-1/CD279 (RMP1-14) Rat IgG2a RecAb (65684-1-TR, Clone:RMP1-14)(left), or Anti-Mouse PD-1/CD279 (RMP1-14) (65288-1-Ig, Clone: RMP1-14)(right) and PE anti-rat IgG2a Antibody. Cell were then stained with CoraLite[®] Plus 647 Anti-Mouse CD3. Cells were not fixed.

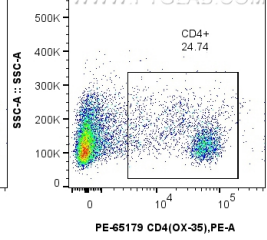
物种	检测靶点	重组流抗货号	克隆号
Mouse	PD-1/CD279	65684-1-TR	RMP1-14

CD4 (T 细胞)

全新克隆重组流抗



传统杂交瘤流抗

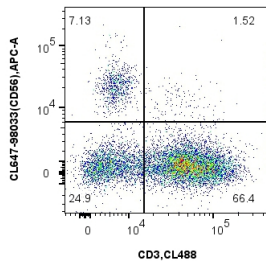


1x10⁶ rat splenocytes cells were surface stained with 0.25 μ g Anti-Rat CD4 Rabbit RecAb (98252-1-RR, Clone:241955C11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L)(left), or 0.25 μ g PE Anti-Rat CD4 (OX-35) (Clone: OX-35)(right). Cells were not fixed.

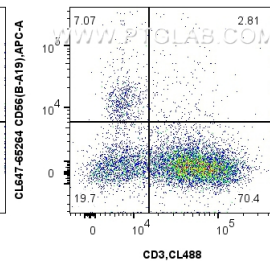
物种	检测靶点	重组流抗货号	克隆号
Rat	CD4	98252-1-RR	241955C11

CD56 (NK 细胞)

全新克隆重组流抗



传统杂交瘤流抗



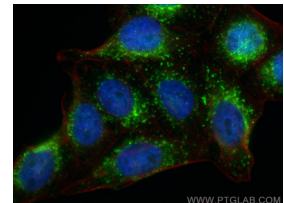
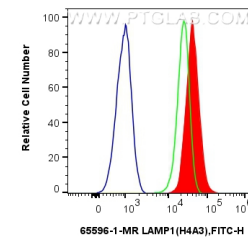
1x10⁶ human peripheral blood leukocytes were surface stained with CoraLite[®] Plus 488 Anti-Human CD3 and 5 μ l CoraLite[®] Plus 647 Anti-Human CD56 Rabbit Recombinant Antibody (CL647-98033, Clone:240078A7) (left) or CoraLite[®] Plus 647 Anti-Human CD56 (B-A19) (CL647-65264, Clone: B-A19) (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD56	CL647-98033	240078A7

CD107a / LAMP1 (NK 细胞)

红色：传统克隆重组化流抗

绿色：传统杂交瘤流抗

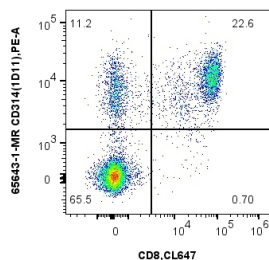


1x10⁶ Jurkat cells were intracellularly stained with 0.25 μ g Anti-Human CD107a / LAMP1 (H4A3) Mouse IgG2a Recombinant Antibody (65596-1-MR, Clone:H4A3) (red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue) or 0.25 μ g Anti-Human CD107a / LAMP1 (H4A3) (65051-1-Ig, Clone: H4A3) (green) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

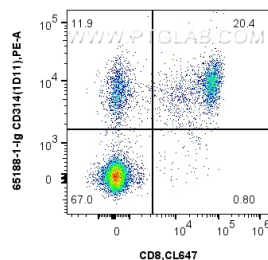
物种	检测靶点	重组流抗货号	克隆号
Human	CD107a / LAMP1	65596-1-MR	H4A3

CD314/NKG2D (NK细胞)

传统克隆重组化流抗



传统杂交瘤流抗

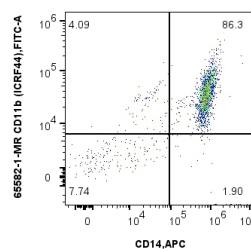


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD314/NKG2D (1D11) Mouse IgG2a Recombinant Antibody (65643-1-MR, Clone:1D11) (left) or 0.25 ug Anti-Human CD314/NKG2D (1D11) (65188-1-Ig, Clone: 1D11) (right) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with CoraLite[®] Plus 647 Anti-Human CD8. Cells were not fixed. Lymphocytes were gated.

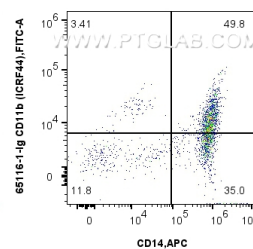
物种	检测靶点	重组流抗货号	克隆号
Human	CD314/NKG2D	65643-1-MR	1D11

CD11b (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



传统杂交瘤流抗

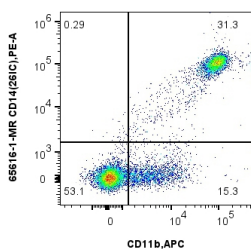


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD11b Mouse IgG2a Recombinant Antibody (65582-1-MR, Clone:ICRF44)(left) or 0.25 ug Anti-Human CD11b (65116-1-Ig, Clone: ICRF44) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. Monocytes were gated.

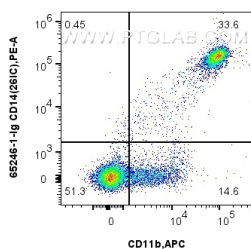
物种	检测靶点	重组流抗货号	克隆号
Human	CD11b	65582-1-MR	ICRF44

CD14 (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



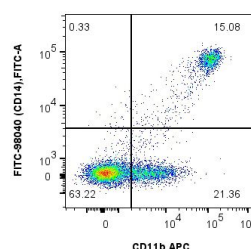
传统杂交瘤流抗



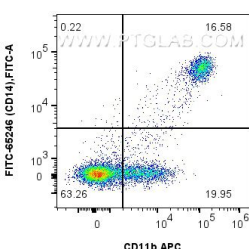
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD14 (26IC) Mouse IgG2a Recombinant Antibody (65616-1-MR, Clone:26IC) or 0.25 ug Anti-Human CD14 (26IC) (65246-1-Ig, Clone: 26IC) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with APC Anti-Human CD11b. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD14	65616-1-MR	26IC

全新克隆重组化流抗



传统杂交瘤流抗

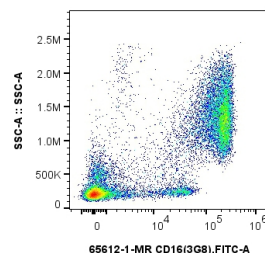


1x10⁶ human PBMCs were surface stained with APC Anti-Human CD11b (ICRF44) (APC-65116, Clone: ICRF44) and 5 ul FITC Plus Anti-Human CD14 Rabbt RecAb (FITC-98040, Clone:230332D7)(left), or 5 ul FITC Plus Anti-Human CD14 (26IC) (FITC-65246, Clone: 26IC)(right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

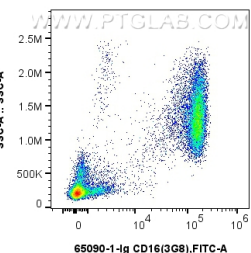
物种	检测靶点	重组流抗货号	克隆号
Human	CD14	FITC-98040	230332D7

CD16 (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



传统杂交瘤流抗

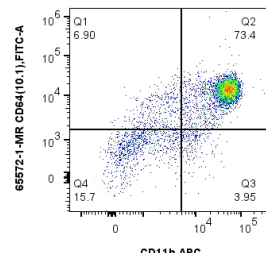


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD16 Mouse IgG2a Recombinant Antibody (65612-1-MR, Clone: 3G8) (left) or 0.25 ug Anti-Human CD16 (65090-1-Ig, Clone: 3G8) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L) (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

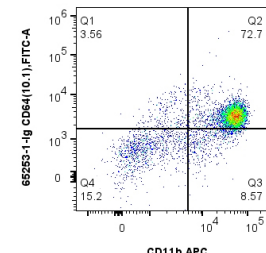
物种	检测靶点	重组流抗货号	克隆号
Human	CD16	65612-1-MR	3G8

CD64 (单核细胞)

传统克隆重组化流抗



传统杂交瘤流抗

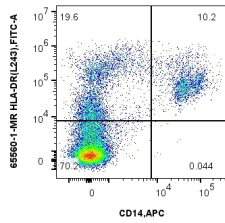


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD64 Mouse IgG2a Recombinant Antibody (65572-1-MR, Clone: 10.1) (left) or 0.25 ug Anti-Human CD64 (65253-1-Ig, Clone: 10.1) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

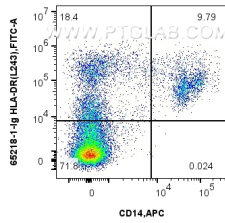
物种	检测靶点	重组流抗货号	克隆号
Human	CD64	65572-1-MR	10.1

HLA-DR (单核细胞)

传统克隆重组化流抗



传统杂交瘤流抗

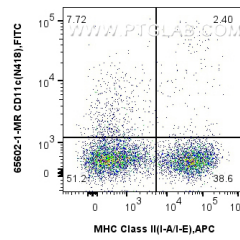


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human HLA-DR Mouse IgG2a Recombinant Antibody (65560-1-MR, Clone: L243) (left) or 0.25 ug Anti-Human HLA-DR (65218-1-Ig, Clone: L243) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

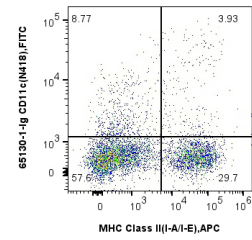
物种	检测靶点	重组流抗货号	克隆号
Human	HLA-DR	65560-1-MR	L243

CD11c (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



传统杂交瘤流抗

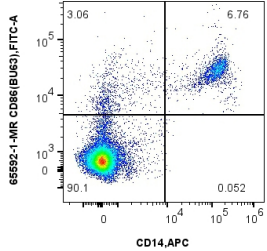


1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD11c (N418) Mouse IgG2a Recombinant Antibody (65602-1-MR, Clone: N418) and FITC anti-Mouse IgG2a Antibody (left) or 0.25 ug Anti-Mouse CD11c (N418) (65130-1-Ig, Clone: N418) and FITC anti-Armenian Hamster IgG Antibody (right). Cells were co-stained with APC Anti-Mouse MHC Class II (I-A/I-E). Cells were not fixed.

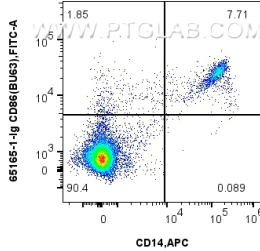
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD11c	65602-1-MR	N418

CD86 (巨噬细胞)

传统克隆重组化流抗



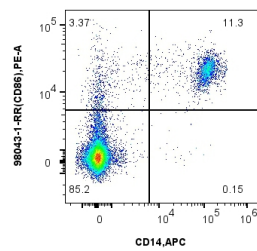
传统杂交瘤流抗



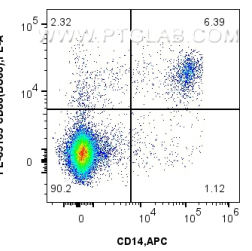
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD86 Mouse IgG2a Recombinant Antibody (65592-1-MR, Clone: BU63) (left) or 0.25 ug Anti-Human CD86 (65165-1-Ig, Clone: BU63) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD86	65592-1-MR	BU63

全新克隆重组流抗



传统杂交瘤流抗

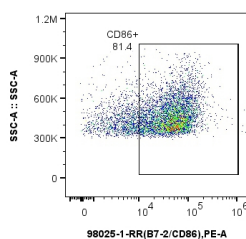


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD86 Rabbit Recombinant Antibody (98043-1-RR, Clone: 240429C6) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD86 (PE-65165, clone: BU63) (right). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

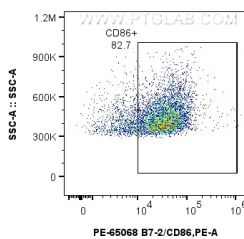
物种	检测靶点	重组流抗货号	克隆号
Human	CD86	98043-1-RR	240429C6

CD86 (单核细胞 / 巨噬细胞)

全新克隆重组流抗



传统杂交瘤流抗

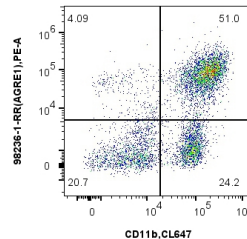


1x10⁶ LPS treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD86 Rabbit Recombinant Antibody (98025-1-RR, Clone: 230476B8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left), or 0.25 ug PE Anti-Mouse CD86 (GL1) (PE-65068, Clone: GL1) (right). Cells were not fixed.

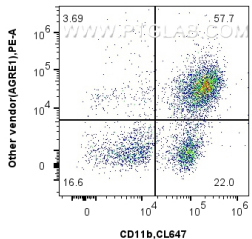
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD86	98025-1-RR	230476B8

F4/80 (巨噬细胞)

全新克隆重组流抗



传统杂交瘤流抗*

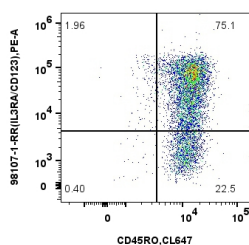


1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse AGRE1(F4/80) Rabbit Recombinant Antibody (98236-1-RR, Clone: 241959G4) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug other vendor PE Anti-Mouse AGRE1(F4/80) (right). Cells were co-stained with CoraLite[®] Plus 647 Anti-Mouse CD11b. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

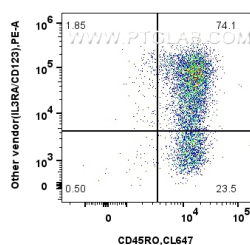
物种	检测靶点	重组流抗货号	克隆号
Mouse	F4/80	98236-1-RR	241959G4

IL3RA/CD123 (树突状细胞)

全新克隆重组流抗



传统杂交瘤流抗*

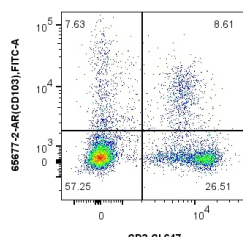


1x10⁶ human immature monocyte-derived dendritic cells were surface stained with 0.25 ug Anti-Human IL3RA/CD123 Rabbit Recombinant Antibody (98107-1-RR, Clone:241268E3) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human IL3RA/CD123 (right). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD45RO. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

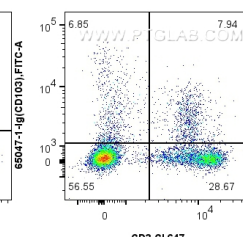
物种	检测靶点	重组流抗货号	克隆号
Human	IL3RA/CD123	98107-1-RR	241268E3

CD103 (树突状细胞)

传统克隆重组化流抗



传统杂交瘤流抗

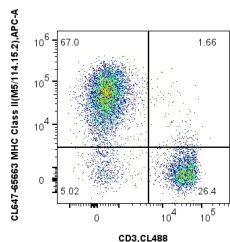


1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD103 (2E7) Armenian Hamster IgG2a RecAb (65677-2-AR, Clone:2E7)(left) or 0.25 ug Anti-Mouse CD103 (2E7) (65047-1-Ig, Clone: 2E7 Lot:51001577) (right) and FITC-conjugated Anti-Armenian Hamster IgG antibody. Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2). Cells were not fixed.

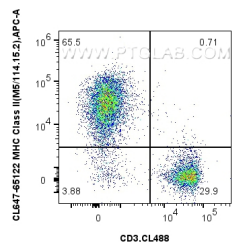
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD103	65677-2-AR	2E7

MHC Class II (I-A/I-E) (树突状细胞)

传统克隆重组化流抗



传统杂交瘤流抗

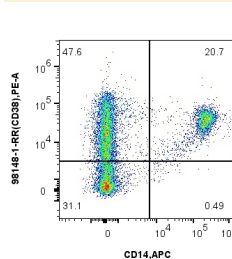


1x10⁶ mouse splenocytes were surface stained with CoraLite® Plus 488 Anti-Mouse CD3 and 0.25 ug CoraLite® Plus 647 Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) Rat IgG2a RecAb (CL647-65663, Clone:M5/114.15.2)(left), or 0.25 ug CoraLite® Plus 647 Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) (CL647-65122, Clone: M5/114.15.2)(right). Cells were not fixed.

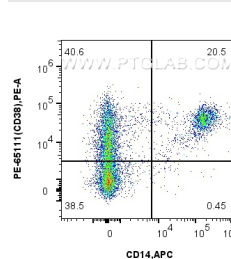
物种	检测靶点	重组流抗货号	克隆号
Mouse	MHC Class II (I-A/I-E)	CL647-65663	M5/114.15.2

CD38 (造血干细胞)

全新克隆重组流抗



传统杂交瘤流抗



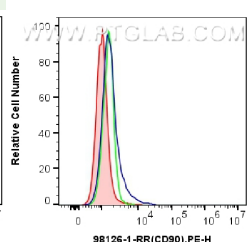
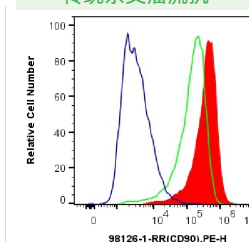
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD38 Rabbit Recombinant Antibody (98148-1-RR, Clone:241246F9) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD38 (HIT2) (PE-65111, Clone: HIT2) (right). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD38	98148-1-RR	241246F9

CD90 (间充质干细胞)

全新克隆重组流抗

传统杂交瘤流抗*

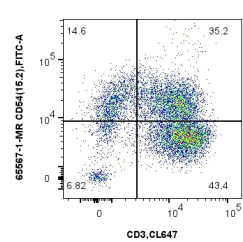


1x10⁶ Hel 92.1.7 cells (left) or K562 cells (right) were surface stained with 0.25 ug Anti-Human CD90 Rabbit Recombinant Antibody (98126-1-RR, Clone: 241290B2) (red) or isotype control (blue) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG, or 0.25 ug other vendor PE Anti-Human CD90 (green). Cells were not fixed.

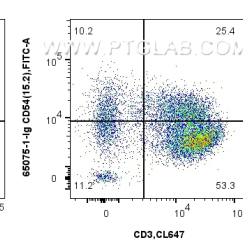
物种	检测靶点	重组流抗货号	克隆号
Human	CD90	98126-1-RR	241290B2

ICAM-1/CD54 (内皮细胞)

传统克隆重组化流抗



传统杂交瘤流抗

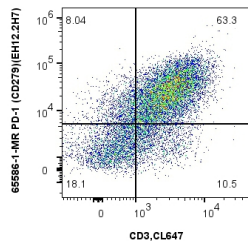


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD54 Mouse IgG2a Recombinant Antibody (65567-1-MR, Clone:15.2) (left) or 0.25 ug Anti-Human CD54 (ICAM-1) (65075-1-Ig, Clone: 15.2) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

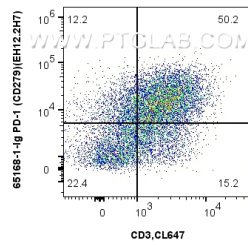
物种	检测靶点	重组流抗货号	克隆号
Human	ICAM-1/CD54	65567-1-MR	15.2

PD-1/CD279 (其他)

传统克隆重组化流抗



传统杂交瘤流抗

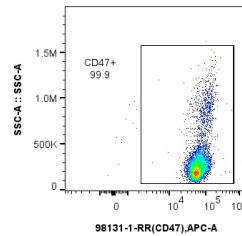


1x10⁶ PHA stimulated human PBMCs were surface stained with 0.25 ug Anti-Human PD-1 (CD279) Mouse IgG2a Recombinant Antibody (65586-1-MR, Clone: EH12.2H7) (left) or 0.25 ug Anti-Human PD-1/CD279 (65168-1-Ig, Clone: EH12.2H7) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite[®] Plus 647 Anti-Human CD3. Cells were not fixed.

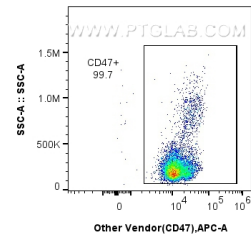
物种	检测靶点	重组流抗货号	克隆号
Human	PD-1/CD279	65586-1-MR	EH12.2H7

CD47 (其他)

全新克隆重组流抗



传统杂交瘤流抗*

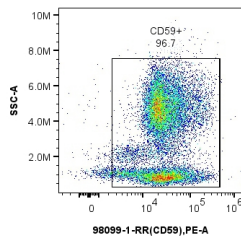


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD47 Rabbit Recombinant Antibody (98131-1-RR, Clone: 240997D8) and CoraLite[®] Plus 647 Goat Anti-Rabbit Recombinant Secondary Antibody (left) or 0.25 ug other vendor Alexa Fluor[®] 647 Anti-Human CD47 (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

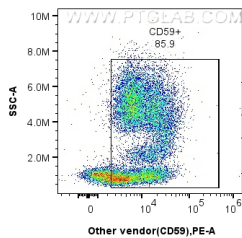
物种	检测靶点	重组流抗货号	克隆号
Human	CD47	98131-1-RR	240997D8

CD59 (其他)

全新克隆重组流抗



传统杂交瘤流抗*

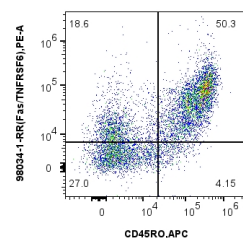


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD59 Rabbit Recombinant Antibody (98099-1-RR, Clone: 241311A4) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD59 (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

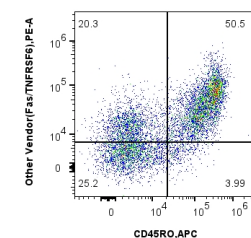
物种	检测靶点	重组流抗货号	克隆号
Human	CD59	98099-1-RR	241311A4

Fas/CD95 (其他)

全新克隆重组流抗



传统杂交瘤流抗*

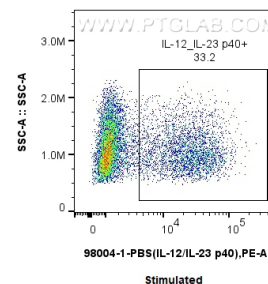
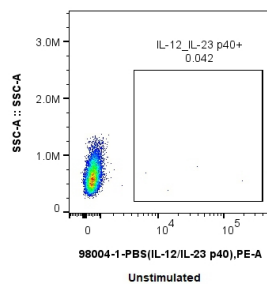


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Fas/CD95 Rabbit Recombinant Antibody (98034-1-RR, Clone: 240340E11) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug other vendor PE Anti-Human Fas/CD95. Cells were co-stained with APC Anti-Human CD45RO. Cells were not fixed. Lymphocytes were gated.

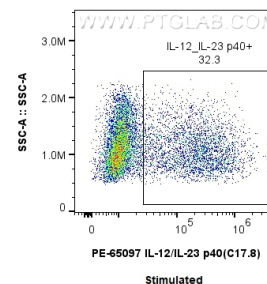
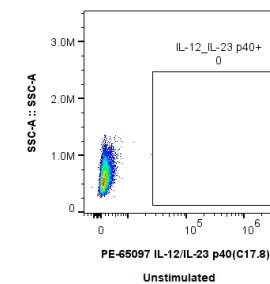
物种	检测靶点	重组流抗货号	克隆号
Human	Fas/CD95	98034-1-RR	240340E11

IL-12/IL-23 p40 (细胞因子)

全新克隆重组流抗



传统杂交瘤流抗



1X10⁶ unstimulated or IFN γ and LPS treated (in the presence of protein transport inhibitors) RAW 264.7 cells were intracellularly stained with 0.25 ug Anti-Mouse IL-12/IL-23 p40 (98004-1-RR, Clone: 230037C9) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

物种	检测靶点	重组流抗货号	克隆号
Mouse	IL-12/IL-23 p40	98004-1-RR	230037C9

流式实验辅助试剂

Proteintech 提供全面的流式辅助试剂及免费配色工具，覆盖从样本处理、染色到分析的全流程需求。这些试剂与高品质的重组流式抗体无缝匹配，共同构成可靠完整的整体流式实验解决方案。

流式荧光染料

荧光染料有强弱差别。根据抗原表达强弱合理选择荧光染料。原则上高表达抗原可以用任何荧光染料标记的抗体检测，低表达的抗原需要用较亮的荧光染料检测。

多色搭配时，亮度高的荧光染料用于低表达的蛋白，亮度较弱的用于高表达蛋白，如 CD45。

Proteintech 可提供二十余种荧光染料，同时完成十余色的多色流式方案。（持续上新中）

激光器	检测通道	通道别名	Proteintech 荧光染料	亮度
Violet 405 nm	445/45	Pacific Blue	CoraLite® Plus 405	++
	525/45	AmCyan	CoraLux™ Violet 510	+++
Blue 488 nm	525/45	FITC	CoraLite® Plus 488	+++
			FITC Plus	++
	586/20	PE	PE	++
	615/20	PE-Texas Red	PE-CoraLite® Plus 594	++
	667/30	PE-Cy5	PE-Cyanine5	++
		PerCP	PerCP	++
	695/40	PE-Cy5.5	PE-Cyanine5.5	++
		PerCP-Cy5.5	PerCP-Cyanine5.5	++
	780/60	PE-Cy7	PE-Cyanine7	+++

激光器	检测通道	通道别名	Proteintech 荧光染料	亮度
Yellow 561 nm	586/20	PE	PE	++++
			CoraLite® Plus 555	++
			CoraLite® 594	+++
	615/20	PE-Texas Red	PE-CoraLite® Plus 594	+++
	667/30	PE-Cy5	PE-Cyanine5	++++
	695/40	PE-Cy5.5	PE-Cyanine5.5	++++
Red 633 nm	780/60	PE-Cy7	PE-Cyanine7	++++
	667/30	APC	CoraLite® Plus 647	++++
			APC	++++
	725/40	Alexa Fluor 700	CoraLite® 700	++
	780/60	APC-Cy7	CoraLite® Plus 750	++
			APC-Cyanine7	+++

CoraLite®系列是Proteintech公司自有的荧光染料。它具有良好光稳定性、发光强度以及较宽的pH适应性，能完美胜任科研实验要求。

注意：

- ① 根据仪器选择荧光染料，要能被仪器上的激发光激发，发射光在滤光片的接收范围内，每个通道只能选一种荧光染料；
- ② 搭配的荧光染料之间发射光谱重叠尽量小，如FITC/PE-Cy7；
- ③ 选择不同激光激发的荧光素或荧光蛋白，如FITC/APC，PE/APC；
- ④ 避免反复冻融，避光保存，防止荧光衰退。
- ⑤ 单一荧光素染料（如FITC、PE、APC、CL系列）通常对醛类（1%-4%PFA）固定剂耐受性较好，但长时间固定（超过4小时）可能因荧光淬灭导致信号减弱。串联染料（如PE-Cy7、APC-Cy7、PerCP-Cy5.5）对PFA固定剂敏感，固定时间超过4小时或固定后长时间保存，易发生串联染料断裂导致信号丢失或补偿漂移。

Proteintech推荐使用我们的Flow Panel Designer设计和规划您的流式实验

路径: [Proteintech中文官网ptgc.cn/产品中心/流式抗体/流式配色工具](https://www.ptgc.cn/产品中心/流式抗体/流式配色工具)



扫描二维码即可使用

Proteintech流式配色工具使用指南

- Step1: 选择流式细胞仪
- Step2: 选择抗原
- Step3: 选择荧光染料
- Step4: 产品汇总
- Step5: 已选产品清单

Step1. 选择流式细胞仪

从下拉菜单选择您所采用的流式仪及滤光片

1. 选择您的流式细胞仪

Flow Cytometer *

Please Select

Beckman Coulter CyAn ADR, Violet(2), Blue(5), Red(2)
Beckman Coulter CyAn ADR, Blue(5), Red(2)
Beckman Coulter CytoFLEX, Violet(5), Blue(5), Red(3)

辅助试剂

1. 样本制备

流式样本制备的核心目标是获得高活性、分散良好的单细胞悬液，并最大程度保留细胞表面及内部抗原的天然构象，从而确保细胞分群、功能检测及稀有细胞筛查等结果的准确性与可解读性。

在做细胞因子、酶或核内转录因子等的分析时，一般还需要使用蛋白转运抑制剂使待检测的胞内或核内蛋白在细胞内有效积聚，避免其被分泌或降解。

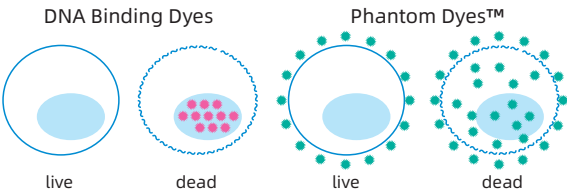
单细胞悬液制备相关试剂

产品名称	货号	功能
红细胞裂解液（无菌）	PR30017	
红细胞裂解液（10X）	PF00014	适用于裂解人、兔、小鼠、大鼠红细胞，白细胞无损
红细胞裂解液（1X，含固定剂）	PF00015	
流式细胞染色缓冲液（1X）	PF00018	稀释抗体或细胞以及表面染色所需的清洗和细胞重悬
蛋白转运抑制剂混合物（500×	PR40029	抑制蛋白转运至细胞外
Brefeldin A	CM03062	联合使用抑制细胞因子外分泌
Monensin	CM00375	
PMA	CM00437	活化淋巴细胞，进而表达相应的蛋白
Ionomycin	CM06928	
0.25%胰蛋白酶-EDTA消化液（含酚红）	PR40020	适用于组织和单细胞的分离
0.25%胰蛋白酶-EDTA消化液（不含酚红）	PR40021	
人 CD3/CD28 T细胞激活磁珠试剂盒	KMS310	模拟体内T细胞活化的双信号作用，活化T细胞
小鼠CD3/CD28 T细胞激活磁珠试剂盒	KMS311	
腹腔巨噬细胞诱导剂	PR40028	注射至小鼠腹腔内可诱导巨噬细胞大量生成

2. 死活细胞鉴定染料

在流式实验中，使用死活细胞鉴定染料（如 7-AAD 或蛋白质胺基染料）可精准区分活细胞与死细胞，有效排除死细胞自发荧光及非特异性染色造成的假阳性信号，从而显著提升目的细胞群分析的数据质量和实验重复性。

注意：其中DNA结合染料/核酸类染料需要在上机前5-15分钟加入，检测前无需洗涤；可固定的死活细胞染料/蛋白质胺基类染料先加入细胞染色30分钟，洗涤去除未反应的染料，再进行表面染色及胞内染色。



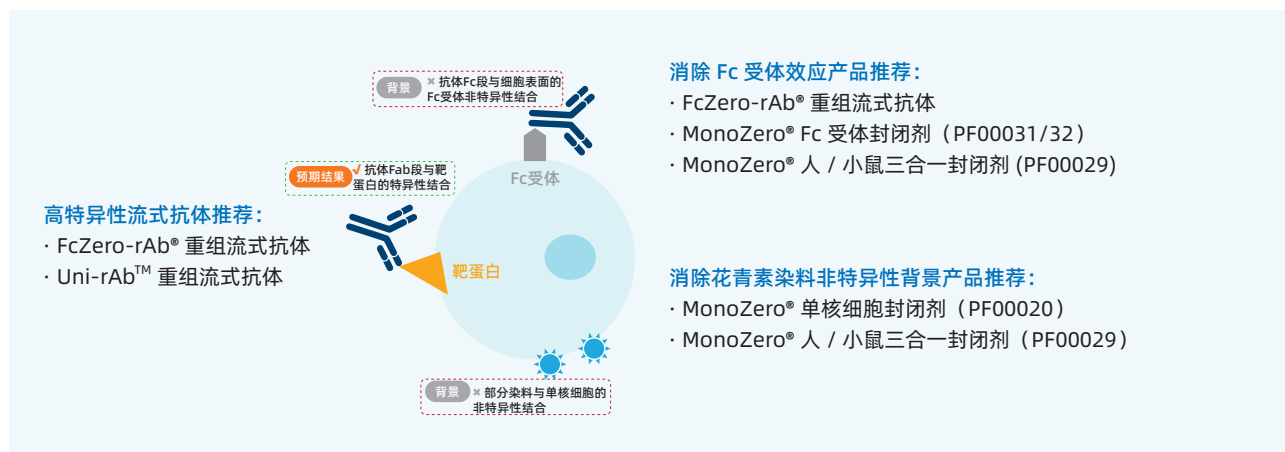
即用型死活细胞鉴定染料

功能	产品名称	货号	激光器（nm）	对应通道
结合 DNA/ 核酸	7-AAD 死活细胞鉴定染料	PD00101	488/532/561	Percp, PE
	Phantom Dye Red 710 死活细胞鉴定染料	PD00001	633	CL700, AF700
	Phantom Dye Red 780 死活细胞鉴定染料	PD00002	633	CL750, APC-Cy7
	Phantom Dye UV 450 死活细胞鉴定染料	PD00003	355	DAPI, Hoechst Blue（紫外激光）
结合胞内蛋白质	Phantom Dye Violet 450 死活细胞鉴定染料	PD00004	405	CL405, BV421
	Phantom Dye Violet 510 死活细胞鉴定染料	PD00005	405	CLV510, BV510
	Phantom Dye Violet 540 死活细胞鉴定染料	PD00006	405	CLV510, BV510
	Phantom Dye Blue 516 死活细胞鉴定染料	PD00007	488	FITC
	Phantom Dye Yellow 583 死活细胞鉴定染料	PD00008	561	PE(黄激光)
	Phantom Dye Red 642 死活细胞鉴定染料	PD00009	633	APC

3. 背景阻断

在流式细胞术中，一些细胞表面会表达 Fc 受体 (FcR)，与抗体的 Fc 段发生非特异结合，还有一些细胞会同时存在与抗体或荧光基团发生非特异性结合，从而造成非特异性背景，影响流式数据的准确性。

Proteintech 可以提供相应的花青素串联染料封闭试剂以及 FcR 封闭剂来减少这些效应，降低实验结果分析难度，提高实验准确度。

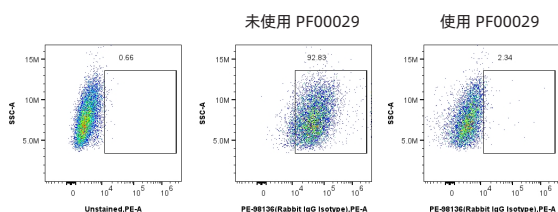


产品名称	货号	功能
MonoZero®人/小鼠三合一封闭剂	PF00029	人/小鼠Fc 受体封闭以及单核细胞封闭
MonoZero®人Fc受体封闭剂	PF00032	阻断抗体与Fc受体表达细胞的非特异性结合
MonoZero®小鼠Fc受体封闭剂	PF00031	
MonoZero®单核细胞封闭剂	PF00020	减少花青素荧光基团与单核细胞和巨噬细胞的非特异性结合，无种属之别

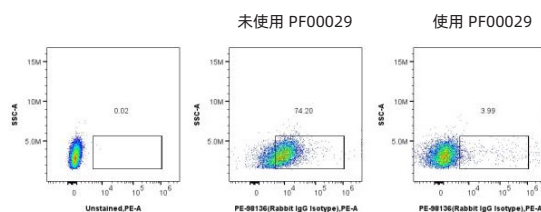
MonoZero® 人 / 小鼠三合一封闭剂 (货号: PF00029)

三效合一
创新试剂

MonoZero® 人 / 小鼠三合一封闭剂可同时阻断抗体与人 / 小鼠 Fc 受体表达细胞的结合以及花青素染料 (如 Cy 系列) 及其他串联染料与白细胞亚群的结合，三效合一，一支试剂能够减少多因素导致的背景染色，获得更准确的结果。



小鼠单核巨噬细胞 (J774A.1) 经 PF00029 处理后，同时消除了 PE 与细胞以及细胞 Fc 受体与抗体 Fc 端的非特异性结合。



人单核细胞白血病细胞 (THP-1) 经 PF00029 处理后，同时消除了 PE 与细胞以及细胞 Fc 受体与抗体 Fc 端的非特异性结合。

4. 固定破膜

使用流式研究胞内或者核内靶点,需要对细胞进行固定及通透(破膜),分泌型蛋白还需使用蛋白转运抑制剂(PR40029)。固定可以稳定细胞结构并保留靶点抗原的原始状态,破膜操作可以在细胞膜和核膜上形成通透孔道,使抗体能够进入细胞内或核内与靶点特异性结合。

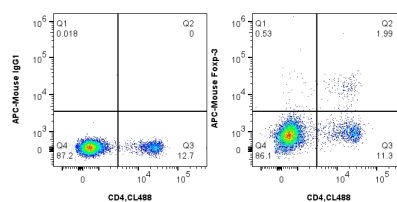
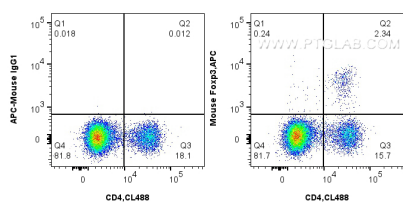
► 固定破膜相关试剂

产品名称	货号	功能
流式细胞染色缓冲液(1X)	PF00018	稀释抗体或细胞以及表面染色所需的清洗和细胞重悬
Foxp3/转录因子流式固定破膜缓冲液试剂盒	PF00011	固定/破膜,用于检测核内因子
流式胞内固定破膜缓冲液试剂盒	PF00019	固定/破膜,用于检测细胞内蛋白/分泌途径中的蛋白
流式检测磷酸化蛋白固定通透试剂盒	PF00026	固定/破膜,用于检测磷酸化蛋白
流式细胞固定液	PF00033	用于细胞内抗原染色前固定细胞
流式细胞通透剂(10X)	PF00034	用于细胞内抗原染色前细胞破膜

使用 Proteintech 的 Foxp3/ 转录因子流式固定破膜缓冲液,细胞群背景更干净。

Foxp3/ 转录因子流式固定破膜缓冲液(货号: PF00011)

市场主流竞品同类产品



细胞样本: C57BL/6 mouse splenocytes; 检测抗体: APC Anti-Mouse Foxp3 (货号: APC-65089, 克隆号: 3G3)

5. 细胞功能检测

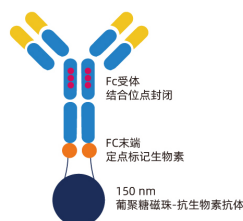
使用细胞活性检测试剂盒可以快速用流式细胞术分析细胞凋亡,区分活细胞及死细胞。

应用	产品名称	货号
细胞周期检测	碘化丙啶 PI 染色液(含 RNaseA, 即用型)	PF00035
	CoraLite® Plus 488-Annexin V 和 PI 细胞凋亡检测试剂盒	PF00005
细胞凋亡检测	CoraLite® Plus 647-Annexin V 和 PI 细胞凋亡检测试剂盒	PF00036
	CoraLite® Plus 488 TUNEL 凋亡检测试剂盒(绿色荧光)	PF00006
	CoraLite®594 TUNEL 凋亡检测试剂盒(红色荧光)	PF00009
活/死细胞检测	活/死细胞染色试剂盒(Calcein AM, PI 法)	PF00007
	活/死细胞染色试剂盒(Calcein AM, EthD-1 法)	PF00008

6. AccuSort™ 磁珠分选试剂盒

Proteintech 的 AccuSort™ 是基于 Fc 沉默抗体及 FC 末端定点标记技术开发的一种安全性高、便捷且易操作的磁珠分选系统,其中所包含的可视化单孔超强磁力架,兼容多种细胞分选实验,可观察细胞吸附情况。

产品名称	货号	类型
Accusort™ Human CD3 Cell Positive Selection Kit	KAS0001	阳选
Accusort™ Human CD4 Cell Positive Selection Kit	KAS0002	阳选
Accusort™ Human CD19 Cells Positive Selection Kit	KAS0003	阳选
Accusort™ Human CD45 Cell Positive Selection Kit	KAS0004	阳选
Accusort™ Mouse CD19 Cells Positive Selection Kit	KAS0005	阳选
Accusort™ Mouse CD45 Cells Positive Selection Kit	KAS0006	阳选
Accusort™ Human CD4 T Cells Isolation Kit	KAS5001	阴选
Accusort™ Human T Cell Isolation Kit	KAS5002	阴选
Accusort™ Human NK Cell Isolation Kit	KAS5003	阴选
Accusort™ Mouse B Cell Isolation Kit	KAS5004	阴选
Streptavidin magnetic beads	AS0001	可搭配生物素化抗体使用



可搭配可视化磁极,随时观察实验状态,细胞分选更可靠

CAR 检测试剂

嵌合抗原受体 (CAR) 细胞疗法正在革新癌症、自身免疫性疾病以及多种罕见病的治疗方式。为助力科研人员研发和表征 CAR 工程化细胞, Proteintech 提供一系列全面的 CAR 检测试剂, 能够实现 CAR 表达的精确定量和监测, 确保在功能检测和临床生产环境中提供可靠且可重复的数据。这些试剂非常适合用于生产过程的验证、过程分析以及临床产品的放行检测。

重组技术生产

高特异性、高批次度一致性、大量稳定供应。

兼容多种应用

兼容流式细胞术、免疫荧光和免疫组化等应用, 无缝融入多种实验流程中。

Fc 沉默技术

FcZero® 技术从根源消除 Fc 受体造成的背景, 流式实验无需 Fc 受体阻断步骤。

定点定量标记

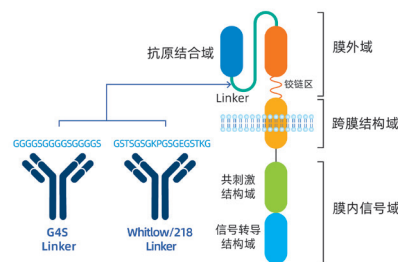
AccuBright™ 技术确保荧光基团远离作用中心且实现偶联均一性及高重复性。

特性	通用型 CAR 检测试剂	靶标特异性的 CAR 检测试剂
	通用性	特异性
检测范围	检测任何含有这些接头序列的 CAR	仅检测结合特定抗原 (如 CD19) 的 CAR
检测类型	基于抗体的检测, 靶向接头序列	基于抗原的检测, 靶向 CAR 抗原结合区域
成本 / 流程效率	经济高效 减少了对多种试剂的需求, 加速研发进程	成本较高 每新增一个 CAR 设计, 都会增加开发及验证成本
适用场景	非常适合用于常规 CAR 表达定量, 早期工艺开发, 以及跨项目分析	最适合用于特定项目的功能研究, 靶点结合验证, 以及效价分析

通用型 CAR 检测试剂

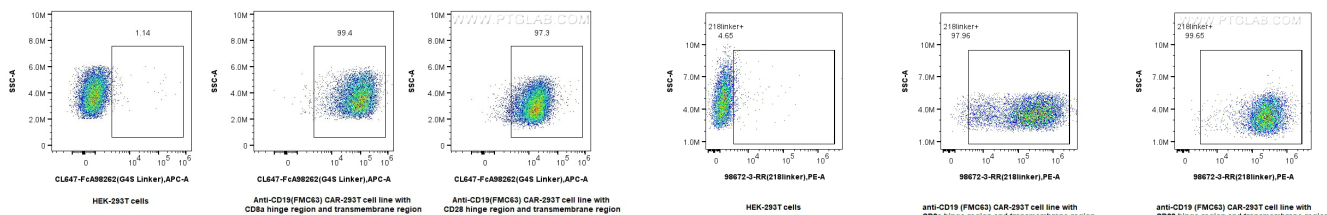
通过精准识别 scFv 连接区来检测各种 CAR 构建体的工具。抗 CAR 接头抗体经过工程化设计, 可特异性识别 CAR scFv 连接区, 从而实现多种 CAR 构建体进行精准且通用的检测。

- FcZero® (Fc沉默) 抗体骨架
- AccuBright™ 定点定量标记技术
- 无需考虑靶标特异性



重组单抗名称	靶向	货号	适用应用	系列
Anti-GGGGS Linker (G4S 抗体)	GGGGSGGGGSGGGGS, 如 G4S*2, G4S*3, G4S*4, and G4S*5	FcA98262 98262-1-RR	FC, ELISA WB, IHC, IF/ICC, FC	FcZero-rAb® Uni-rAb™
Anti-Whitlow/218 Linker (Whitlow/218 抗体)	GSTSGSGKPGSGEGSTKG	FcA98672 98672-3-RR	FC IF/ICC, FC	FcZero-rAb® Uni-rAb™

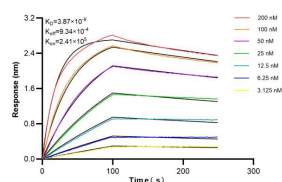
流式细胞术 (FC)



FcZero-rAb® CoraLite® Plus 647 Anti-GGGGS Linker
重组单抗 (货号: CL647-FcA98262)

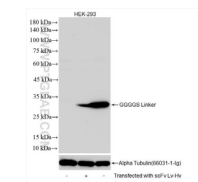
Anti-Whitlow/218 Linker
重组单抗 (货号: 98672-3-RR)

BLI 测亲和力和



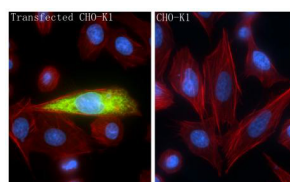
Anti-GGGGS Linker 重组单抗
(货号: 98262-1-RR)

免疫印迹 (WB)



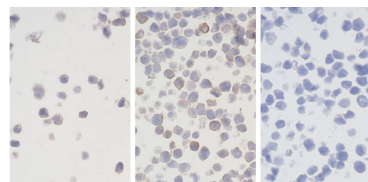
Anti-GGGGS Linker 重组单抗
(货号: 98262-1-RR)

免疫荧光 (IF)



Anti-GGGGS Linker 重组单抗
(货号: 98262-1-RR)

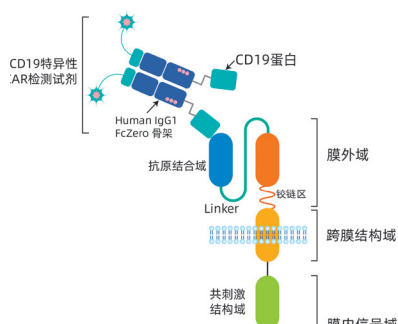
免疫组化 (IHC)



Anti-GGGGS Linker 重组单抗
(货号: 98262-1-RR)

靶标特异性的CAR检测重组蛋白

用于流式细胞术中精准且可靠检测CAR构建体的工具



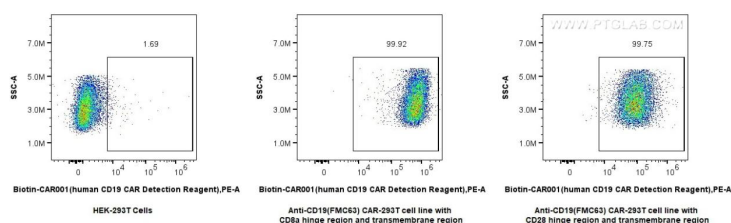
该产品是以 Fc 沉默的人 IgG1 为骨架的融合蛋白，能够直接与 CAR scFv 的靶标结合区域结合，以确认 CAR 的表达及其与靶标的相互作用。

- FcZero™ (Fc沉默) 抗体骨架
- AccuBright™ 定点定量标记技术
- 可精准区分CAR转染细胞与未转染细胞

热销产品（更多产品可登录官网查看）

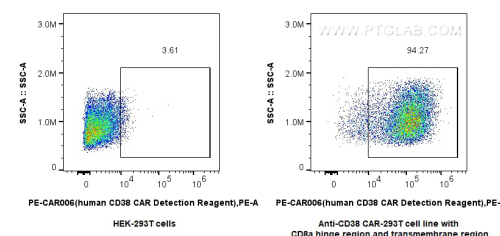
物种	靶标	货号	偶联物
Human	CD19	CAR001	可提供 Biotin 及 20+ 种荧光染料偶联
Human	CD22	CAR003	
Human	CD30	CAR004	
Human	CD33	CAR005	
Human	CD38	CAR006	
Human	ROR1	CAR010	

FcZero-CAR™ Biotin-CD19 CAR Detection Reagent, Human
(货号: Biotin-CAR001)



使用 FcZero-CAR™ Biotin-human CD19 CAR Detection Reagent (Biotin-CAR001) 及 PE Streptavidin (PE-PF00030) 进行流式检测。

FcZero-CAR™ PE-CD38 CAR Detection Reagent, Human (货号: PE-CAR006)



使用 FcZero-CAR™ PE-CD38 CAR Detection Reagent (PE-CAR006) 进行流式检测。

in vivo CAR 相关单链抗体scFv

在 CAR 治疗中，单链抗体 scFv 通常作为 CAR 的胞外抗原识别域，负责特异性识别肿瘤细胞表面抗原。单链抗体作为 CAR 的“识别头”，结合 LNP 的靶向递送能力，共同推动了 in vivo CAR 疗法的革命性进展，有望使 CAR 治疗从个体化定制转向更高效的通用型模式。Proteintech 的 ABCE™ 单个 B 细胞抗体发现技术平台可快速开发高质量单链抗体 (scFv)，并结合生物定点标记技术，为 CAR-T 等前沿疗法快速提供优质工具。

- 重组技术生产
- 生物定点标记技术加持

更多产品可查看 P16 或登录 Proteintech 官网查看

物种	靶标	货号	克隆号
Human/NHP	CD4	SF98042	240427E12
	CD5	SF98054	240428A12
Human	CD9	SF98095	240830E6
	CD63	SF98318	241964E1
	CD81	SF98202	241722G4

可提供Biotin及20余种荧光染料偶联抗体

物种	靶标	货号	克隆号
Human	CD98/SLC3A2	SF98190	241755D6
	CD5	SF98038	240244A7
Mouse	CD8a	SF65666	53-6.7
	NCAM1/CD56	SF98118	240936A4
	CD147	SF98229	241852B4

Proteintech流式抗体目录（持续更新中）

可提供二十余种荧光染料进行偶联，货号FcA开头为FcZero-rAb® Fc沉默重组流抗系列

Anti-Human				Anti-Human				Anti-Human			
类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号
白细胞共同抗原	CD45	241670E10	FcA98117	T细胞	CD6	241965C9	FcA98223	T细胞	TCR V beta 9	260793A1	FcA98854
		251964B9	98117-5-RR		CD7	4H9	65619-5-MR		TCR V beta 10	260790A1	FcA98857
		HI30	65109-1-Ig			242402H8	FcA98204		TCR V beta 12	260920A1	FcA98877
B细胞	CD19	4G7	FcA65562		CD8	SK1	FcA65630		TCR V beta 19	261142A1	98902-1-RR
		HIB19	65110-1-Ig			UCHT4	65559-1-MR		TCR V beta 20	260922A1	FcA98876
		250499A2	FcA98560		CD8a	Hit8a	65113-1-Ig		TCR V beta 21.3	261145A1	98899-1-RR
		253337A1	FcA98560-3			OKT8	FcA65506		TCR V beta 27	260923A1	FcA98875
		2H7	FcA65575			RPA-T8	65144-1-Ig		TCR V beta 28	260925A1	FcA98873
	CD20	253584A1	98771-1-RR			243018G2	FcA98470		TCR Vy5V61	251677A1	98527-1-RR
		BU32	FcA65591			243018F10	98470-2-RR		TCR Vy9V62	251678A1	98526-1-RR
	CD21	252181G2	98664-5-RR		CD8b	241326A7	FcA98103	TIGIT	240423C7	FcA98023-2	
		241315A1	98092-1-RR			BC96	FcA65620	TIM3	241422H1	FcA98115	
	CD22	241270C6	FcA98088		CD25/IL-2RA	240906E11	98469-1-RR	VISTA	241003C8	FcA98109	
	CD23	251208G3	98615-1-RR			240906B7	98469-2-RR	CD1a	HI149	65172-1-Ig	
	CD24	251208G3	98615-1-RR			253320A1	FcA98469-4		251904D12	98643-1-RR	
	CD37	242011D6	FcA98222		DPP4/CD26	BA5b	65267-1-Ig	CD1b	251556D7	98579-2-RR	
	CD40	G28.5	65103-1-Ig			O323	65132-1-Ig		L161	FcA65626	
		241760A9	98191-1-RR		CD27	242731G8	FcA98346-3	252399H6	98670-2-RR		
	CD69	241552F1	FcA98173			CD28	240354D2	FcA98032	CD11b	ICRF44	FcA65582
		241552G10	98173-2-RR		261893A1		98032-4-RR	252751B5		98785-2-RR	
	CD72	241300C1	FcA98090		CD28.2	65099-1-Ig	CD11c	3.9	FcA65568		
	CD79a	241299F3	FcA98072		CD45RA	F8-11-13		FcA65590	BU15	FcA65600	
HM57		FcA65610	HI100			65108-1-Ig	CD80	242913B11	FcA98384		
CD79b	241273B7	FcA98075	CD45RO		UCHL1	FcA65613	CD83	HB15e	FcA65581		
CD80	242913B11	FcA98384			CD62L	DREG56	65691-2-MR	CD86	240429C6	FcA98043	
CD86	240429C6	FcA98043	250646C7			98459-4-RR	BU63		FcA65592		
	BU63	FcA65592	CD69		241552F1	FcA98173	IT2.2		65624-2-MR		
	IT2.2	65624-2-MR			241552G10	98173-2-RR	HLA class II	253538A1	98748-1-RR		
CD179b	252001D6	98738-2-RR	CD73		AD2	FcA65564	HLA-DR	L243	FcA65560		
CD268/BAFF-R	242003A1	98254-1-RR		251250H3	98566-1-RR	CD103	261146A1	98898-1-RR			
IgM	252244H7	98744-1-RR	CD122/IL-2RB	241677H7	FcA98151	IL3RA/CD123	241268E3	FcA98107			
IgA1	252592G2	98758-3-RR	IL-7Ra/CD127	240749H2	FcA98074		HI12H7	65256-1-Ig			
IgG1	251296E10	98804-3-RR	CD134/OX40	241398G7	FcA98181	CD207	242303C1	FcA98368-2			
IgG3	251300H6	98724-1-RR	TNFRSF9/CD137	241344F3	FcA98112	CD209	240907A4	FcA98156			
Ig Lambda Light Chain	251497D8	98723-2-RR	CD40L/CD154	242847F7	FcA98355-2	CD300e	242031C10	FcA98235			
IGHV4-34	261891A1	99017-1-RR	CXCR4/CD184	241735F8	FcA98175	CLEC10A/CD301	241857C11	FcA98245			
BCMA/TNFRSF17	241731A11	FcA98215	CD226	11A8	FcA65573	Neuropilin 1/CD304	241812B11	FcA98210			
浆细胞	CD38	241246F9		FcA98148	240673G4	98002-2-RR	LAMP3	242748F3	98408-3-RR		
		241246D5	98148-2-RR	CTLA-4/CD152	240793E8	98078-1-RR	CD16	3G8	FcA65612		
		HIT2	65111-1-Ig	ICOS/CD278	241770G11	FcA98214		242426C2	FcA98387		
CD138/Syndecan-1	240422C4	FcA98051	LAG-3/CD223	243086H8	98435-3-RR	CD16a		242426G11	FcA98293		
				243086D4	FcA98435-2	CD16b	241713E3	98192-1-RR			
T细胞	CD2	241222E2	FcA98134	PD-1/CD279	240724G11	FcA98068	CD49b	AK7	FcA65583		
		TS1/8	FcA65565		EH12.2H7	FcA65586		261671A1	98982-1-RR		
	CD3	Hit3a	65112-1-Ig	CD30 Ligand/TNFSF8	J110	65119-1-Ig		NCAM1/CD56	240078A7	FcA98033	
		OKT3	FcA65569		241831D9	FcA98253	B-A19		65264-1-Ig		
		SK7	65690-1-MR	GITR/TNFRSF18	261109A1	FcA98897	CD94		241704E11	FcA98172	
		UCHT1	FcA65570	Granzyme B	240761G4	FcA98070	CD96	NK92.39	65250-1-Ig		
		SP34	FcA98319-2	KIM-1/HAVCR1	242001E8	FcA98238		242964G12	FcA98386-3		
	240427E12	FcA98042	TCR alpha/beta	260927A1	98872-1-RR	CD107a / LAMP1		H4A3	65596-1-MR		
	OKT4	FcA65603	TCR gamma/delta	261687A1	FcA98989		242116E8	FcA98266-2			
	RPA-T4	65143-1-Ig	TCR V delta 2	260919A1	98878-1-RR		KIR2DL3/CD158b2	242282E11	98373-3-RR		
	SK3	65147-1-Ig	TCR V beta 4	260792A1	FcA98855	KIR3DL1/CD158E	243022H8	FcA98389			
	253529A1	98746-1-MR	TCR V beta 5	260791A1	98856-1-RR	KIR2DS4/CD158i	242656E10	98339-3-RR			
	FcA253529A1R	FcA98746	TCR V beta 6	260921A1	FcA98856-4	CD158Z/KIR3DL3	250254F12	98628-1-RR			
	240428A12	FcA98054	TCR V beta 6	260924A1	FcA98874	NKG2A/CD159a	261670A1	98983-1-RR			
	L17F12	FcA65599									
	UCHT2	FcA65609									

Proteintech流式抗体目录（持续更新中）

可提供二十余种荧光染料进行偶联，货号FcA开头为FcZero-rAb® Fc沉默重组流抗系列

Anti-Human				Anti-Human				Anti-Human				
类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	
自然杀伤细胞	CD160	241415F2	FcA98111	巨噬细胞	CD163	GHI/61	FcA65561	粒细胞	CD33	WM53	65272-1-Ig	
	KLRB1/CD161	242140H5	FcA98281		CD169	251732D3	98644-1-RR			241711C12	FcA98184	
	KLRG1	261669A2	98984-2-RR		CD204	242710D4	98398-4-RR		CD44	F10-44-2	FcA65608	
	KLRF1	260070C5	98894-3-RR		CD206	15-2	65155-1-Ig			242345G9	FcA98333-3	
	IL-18R1/CD218a	241673D3	FcA98150-2			250381C1	98458-3-RR			IM7	FcA65686	
	CD244	241260G10	FcA98133	巨大细胞	CD300e	242031C10	FcA98235		CEACAM6/CD66c	241997G1	FcA98329-3	
		2B4.69	65270-1-Ig		CD117/c-Kit	241313C5	98377-1-RR		CEACAM8/CD66b	242954D11	FcA98507-2	
	CD226	11A8	FcA65573		FceR1a	AER-37(CRA-1)	65692-4-MR		G-CSFR	253315C12	98935-2-RR	
		240673G4	FcA98002-2	CD34	242069A6	FcA98145-4	Neutrophil Elastase		250346G5	98499-1-RR		
	CD314/NKG2D	1D11	FcA65643	造血干细胞	CD38	HIT2	65111-1-Ig		FceR1a	AER-37(CRA-1)	65692-4-MR	
		260058A1	98789-1-RR			241246F9	FcA98148	S100A8	242970C4	FcA98411-3		
	CD336	242228B9	FcA98371		CD45RA	F8-11-13	FcA65590	红细胞	Glycophorin A/CD235a	HIR2	65174-1-Ig	
Granzyme B	240761G4	FcA98070	HI100			65108-1-Ig	Glycophorin B/CD235b		242822E1	FcA98370-2		
NKp46/NCR1	242549D12	FcA98340	CD90		241290B2	FcA98126			250515H8	98663-1-RR		
单核细胞	CD13	WM15	FcA65633		CD117/c-Kit	241313C5	98377-1-RR		GYPE	251100H6	98584-1-RR	
		251501H7	98577-1-RR		FLT3/CD135	241414F8	FcA98106		CD31	WM-59	FcA65614	
	CD14	230332D7	FcA98040		CD164	241950F3	98239-1-RR			251101E6	98533-1-RR	
		261C	FcA65616		间充质干细胞	STRO-1	STRO-1	FcA65585	CD34	242069A6	FcA98145-4	
	UCHM-1	65056-1-Ig	ALCAM	3A6		FcA65611	15.2	FcA65567				
		3G8		FcA65612		251789D7	98645-2-RR	ICAM-1/CD54	240646A11	FcA98011-4		
	CD16	242426C2	FcA98387	Integrin Beta 1/CD29		TS2/16	FcA65601		241767H6	98189-1-RR		
		242426G11	FcA98293			F10-44-2	FcA65608	CD93	242464E6	FcA98337		
	CD16b	241713E3	98192-1-RR	CD44		242345G9	FcA98333-3	VCAM-1/CD106	241283G8	98079-1-RR		
	CD11c	3.9	FcA65568			IM7	FcA65686	CD141/Thrombomodulin	240365H3	FcA98037-2		
		BU15	FcA65600	ICAM-1/CD54		15.2	FcA65567	VE-cadherin/CD144	240755B2	FcA98071		
	CD11b	ICRF44	FcA65582			240646A11	FcA98011-4	CD146/MCAM	P1H12	65181-1-Ig		
		252751B5	98785-2-RR	CD73		AD2	FcA65564		250530B2	98561-2-RR		
	CD33	WM53	65272-1-Ig	巨核细胞/血小板	Endoglin/CD105	241196D9	FcA98013-2	Tie-2/CD202b	250234B4	98462-3-RR		
		241711C12	FcA98184		VCAM-1/CD106	241283G8	98079-1-RR	TEM1/CD248	251338B12	98709-3-RR		
CD64	10.1	FcA65572	CD9		240830E6	FcA98095	DC-SIGNR/CD299	241683G8	FcA98205			
	253541A2	98751-1-MR	CD31		WM-59	FcA65614	VEGFR2/CD309	230238B11	FcA98009			
CSAR1/CD88	241712D4	FcA98226			251101E6	98533-1-RR	ESAM	252215H1	98782-2-RR			
	CSF1R/CD115	250001D7	98379-3-RR		CD36	241262D5	FcA98132	GM-CSF	240183C7	FcA98050		
CD300e	242031C10	FcA98235	SMΦ			65248-1-Ig	252446E3		98756-2-RR			
巨噬细胞	CD11b	ICRF44	FcA65582	粒细胞	CD41	HIP8	65173-1-Ig	IL-1 beta	3G12E6	65283-1-Ig		
		252751B5	98785-2-RR			252680E10	98865-1-RR		240902A3	FcA98142		
	CD11c	3.9	FcA65568		CD41/CD61	253571A1	FcA98765	IL-2	240416E3	2A7C6	65276-1-Ig	
		BU15	FcA65600			AK2	FcA65588		IL-3	240417E1	FcA98053	
	CD14	230332D7	FcA98040		CD42b	252200B12	98752-3-RR	IL-3	240417E1	240794E11	FcA98138	
		UCHM-1	65056-1-Ig			CD61 / Integrin beta 3	252741E11		98864-1-RR	IL-4	240794E11	FcA98138
	CD16	3G8	FcA65612		CD62P	AK4	FcA65587	IL-5	240915D12	98178-1-RR		
		242426C2	FcA98387		CD63	241964E1	98318-1-RR		IL-6	240670D12	FcA98087	
	CD16a	242426G11	FcA98293		粒细胞	Neprilysin/CD10	241322E1	98116-1-RR		细胞因子	IL-7	252658G1
	CD16b	241713E3	98192-1-RR	CD11c		3.9	FcA65568	1C11B11	65281-1-Ig			
	CD64	10.1	FcA65572			BU15	FcA65600	CD11b	ICRF44		FcA65582	IL-10
		253541A2	98751-1-MR	252751B5		98785-2-RR	250059F11		98525-2-RR			
	CD68	KP1	FcA65593	CD13		WM15	FcA65633	IL-12A/IL-12 p35	1E12H6	65277-1-Ig		
		241810G1	FcA98242			251501H7	98577-1-RR		IL-12/IL-23 p40	241600F8	FcA98277	
	CD80	242913B11	FcA98384	CD15		252342A1	FcA98616	IL-13		241396F3	FcA98159	
	CD86	240429C6	FcA98043	CD16		3G8	FcA65612	IL-17C	251249E7	98728-3-RR		
		BU63	FcA65592			242426C2	FcA98387	IL-24	251947A2	98735-3-RR		
	CD107b / LAMP2	IT2.2	65624-2-MR	CD16b		241713E3	98192-1-RR	IL-27	252839F9	98930-3-RR		
		H4B4	FcA65566	CD32		251087D9	98601-2-RR	IL-29	250226G7	98504-1-RR		
	CSF1R/CD115	250001D7	98379-3-RR									

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Anti-Human				Anti-Human				Anti-Human			
类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号
细胞因子	IL-33	252156B10	98364-2-RR	癌症相关	Mesothelin	252795C4	98776-3-RR	其他	CD58	TS2/9	FcA65597
	LIF	252445F9	98803-1-RR		HER2/ErbB2	242436C4	98304-3-RR			250250H5	98452-5-RR
	IFN-alpha 4/ IFNA4	250992C12	98647-1-RR		MUC1/CA15-3	261143A1	98901-1-RR		CD59	241311A4	FcA98099
	IFN-alpha 6/ IFNA6	252964H8	98866-1-RR		MUC13	252211G3	98683-1-RR		CEACAM1/3/6 (CD66a/c/d)	240497E12	FcA98061
	IFNA21	252817E7	98832-1-RR		P-cadherin	251775F5	98620-1-RR		CEACAM5/8 (CD66b/e)	230353B7	FcA98012
	IFN-gamma	241390B10	FcA98187		PD-L1/CD274	240721H8	FcA98062		CD70	241325D8	FcA98098
	IGF1	252943B2	98889-3-RR			29E.2A3	65081-1-Ig		CD71	OKT9	FcA65605
	CXCL3/GRO Gamma	250114C8	98518-3-RR		Survivin	251227G1	98624-1-RR			250738D9	98520-2-RR
	CXCL4/PF4	243087B12	98410-3-RR		TACSTD2/TROP2	250382A12	98465-2-RR		CD74	250520C1	98478-2-RR
	CXCL7/PPBP	250712D2	98578-2-RR	其他	VHL	251968A5	98753-3-RR		CD81	5A6	FcA65644
	CXCL8/IL-8	240889B2	98137-1-RR		ACE2	250363F10	98529-1-RR			241722G4	FcA98202
	CXCL9/MIG	241437F5	FcA98211		ADAM17	251631A5	98674-2-RR		CD82	241765F7	98278-1-RR
	CXCL10/IP-10	250120D9	98265-4-RR		ADAMTS13	250498C4	98468-2-RR		CD84	241345A3	FcA98108
	CXCL12/SDF-1	260276A3	98925-3-RR		Alpha Synuclein	251410F3	98708-2-RR		LILRB3/CD85a	241894C10	FcA98237
	CCL2/MCP-1	230270A7	FcA98044		Annexin A1	251332F5	98737-2-RR		LILRA6/CD85b	250333G1	98479-1-RR
	CCL3/MIP-1 alpha	251524F1	98646-3-RR		ANTXR2	252595F1	98810-1-RR		LILRB2/CD85d	250299A6	98488-3-RR
	CCL11/Eotaxin	251987A9	98731-2-RR		ART4/CD297	250103E6	98483-1-RR		LILRA5/CD85f	250298G11	FcA98477
	CCL14	250487E9	98554-1-RR		ATP1B3	251377D4	98589-1-RR		LILRA2/CD85h	250334G1	98607-1-RR
	CCL20/MIP-3 alpha	241694B2	FcA98221		BAI3	251975B4	98635-1-RR		CD85j / LILRB1	GHI/75	FcA65623
	CCL22/MDC	241668D5	FcA98280		BST2	250317H5	98305-2-RR			250502H2	98471-1-RR
	CCL24/Eotaxin 2	243063C9	98476-3-RR		CCR4	253520A1	FcA98745		uPAR/CD87	240366G10	FcA98048
	CCL27	253139D6	98446-5-RR		CCR7	253310A1	FcA98717		CD89	241426E3	FcA98105
	SCF	250446E11	98592-3-RR		CD1d	241307D4	98821-2-RR		Fas/CD95	240340E11	FcA98034
	TGF beta 1	250119E2	98506-5-RR		CD11a	252743C11	98763-1-RR		CD97	241335D8	FcA98094-2
	TNF beta	240393C3	FcA98056			TS2/4	FcA65563		CD99	241737H1	FcA98174
	TNF-alpha	240668B11	FcA98064		CD18	TS1/18	FcA65595		CD100	242691F8	FcA98345-2
	TRAIL/CD253	241419D2	FcA98139			260057A1	98790-1-RR		IGSF2/CD101	250504D4	98494-1-RR
	TSLP	241821B2	98247-1-RR		DPP4/CD26	242045C1	FcA98261		ICAM-2/CD102	242237F8	FcA98367
癌症相关	Ki-67	241499B1	FcA98143-2		CD30/TNFRSF8	241330A12	FcA98124		Nectin-1/ PVRL1/CD111	260037F12	98924-1-RR
	4-1BBL/TNFSF9	251833C8	98163-4-RR	其他	CD35	E11	FcA65622		Nectin-2/CD112	241725D3	FcA98283
	BCAM	250778C11	98521-3-RR			260768A1	98852-1-RR		CSF2RA/CD116	241266B11	FcA98066
	BTN3A1	260287F12	98313-4-RR		CD39/ENTPD1	241292G7	FcA98102		IFNGR1/CD119	GIR-208	65294-1-Ig
	Chromogranin A	251239G9	98570-1-RR		CD48	241389F8	FcA98170		TNFR1/CD120a	242632A8	FcA98343
	CD47	240997D8	FcA98131		CD45RB/RAB	242918F3	98531-5-RR			241337H6	FcA98085
		251993A9	98131-4-RR		CD46	241764C9	FcA98240		TNFR2/CD120b	230328B6	98010-2-RR
	CD147	251215H5	98558-1-RR		Integrin alpha 1/CD49a	251984B7	98675-2-RR		IL-4RA/CD124	241824D8	FcA98203
	CD151	252763F9	98881-1-RR		Integrin alpha 4	252683F9	98794-2-RR		CD126/IL-6R alpha	240734A7	FcA98057
	Lewis Y/CD174	260348A1	98819-1-RR		Integrin alpha-5/CD49e	241685D4	FcA98171		IL-3RB/CD131	241823B12	FcA98336-2
	CD175s	261336A1	98941-1-RR		Integrin alpha 6	241703B5	FcA98257		IL-2RG/CD132	242020H6	98234-1-RR
		253142C2	98844-3-RR		Integrin alpha-9	260170G5	98914-1-RR		PDGFR alpha/ CD140a	241658H4	FcA98141
	E-cadherin	240159G8	FcA98030		Integrin alpha 11	253600E10	98926-1-RR		PDGFR beta/ CD140b	242711A9	FcA98405-2
		241098F7	FcA98123		Integrin alpha V	261824A1	98996-1-RR		Tissue Factor/ CD142	240784E2	FcA98104
	Beta Catenin	253094B8	98860-3-RR		Integrin beta 4	252740E5	98774-1-RR		PTPRJ/CD148	252382G6	98715-1-RR
	EGFR	242684A1	98344-1-RR		Integrin beta 5	253050F10	98806-1-RR		SLAM/CD150	241800B12	FcA98220
	EPCAM/CD326	250626C6	FcA98303-5		ICAM3/CD50	241418E8	FcA98097		CD155/PVR	SKII.4	FcA65632
	FAP	241129B4	98622-1-RR		CD52	253542A1	98750-1-RR			241405G8	98186-1-RR
	FGFR3	251774D11	98631-2-RR		CD55	JS11	65271-1-Ig				
	Fibronectin	251989E9	98652-2-RR			250682C11	98493-3-RR				

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类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号
其他	CD157	241424H5	FcA98146	其他	CEACAM3/6 (CD66c/d)	241254D1	FcA98169	其他	MICA/MICB	6D4	65589-1-MR
	CD98/SLC3A2	241755D6	98190-1-RR		Claudin 19	251126D7	98681-1-RR			240735D5	FcA98110
	SELPLG/CD162	241297F10	FcA98084		CLEC12A	240791B7	98083-1-RR		MRC2	250494E1	98491-4-RR
	DDR1/CD167a	241796D6	FcA98200		C-peptide	253514D7	98867-1-RR		JAM-A/CD321	242290B3	FcA98328-3
	L1CAM/CD171	240978A7	FcA98130		CRHR1	251134A8	98686-2-RR		NGFR/TNFRSF16	260065A1	98896-5-RR
	SIRP Alpha/ CD172a	240789E1	FcA98101		CRLF2	243090E1	98415-1-RR		NTB-A/SLAMF6	241384G5	98308-5-RR
	SIRP beta 1/ CD172b	242115C10	FcA98267		CX3CL1	251665D12	98595-2-RR		OLR1/LOX1	250525B12	98524-3-RR
	CD177	241339F4	FcA98086		DcR1/ TNFRSF10C	251096B10	98617-3-RR		PANX2	251544B5	98696-1-RR
	CD178 (Fas ligand)	NOK-1	FcA65598		DcR2	242916D5	98412-2-RR		PEAR1	252043D10	98754-1-RR
	CD200	241329G4	FcA98091-2		DR3	250529C3	98568-1-RR		PERP	251343B6	98669-1-RR
	CD200R1	253549D3	98923-1-RR		DR4	250737E11	98511-1-RR		PKD2L2	251120E1	98682-1-RR
	PROCR/EPCR/ CD201	241806D7	FcA98325		DSG2	251405D11	98863-4-RR		PLXNC1	250374F2	98534-2-RR
	ENPP3/CD203c	242965D11	98490-2-RR		EMR1	252929F6	98330-6-RR		Podoplanin	251406C8	98605-2-RR
	IL-12RB1/CD212	241661H1	FcA98149		EPHA1	252393C12	98743-2-RR		Prion protein PrP/CD230	243104D11	98414-4-RR
	IL-13Ra1/CD213a1	241834A1	FcA98216		EPHB4	252186C2	98685-3-RR		PSMA/GCPII	242026E6	FcA98279
	IL-17RA	241891G7	FcA98271		FCRL1	251080E1	98557-1-RR		PTCH2	251786C3	98705-2-RR
	IL-36RN	252062D3	98805-2-RR		FCRL2	253006D3	98849-2-RR		RANK/ TNFRSF11A	250531E10	98296-2-RR
	INSR/CD220	241687A10	FcA98227		FcRn	262196A1	99036-1-RR		ROR2	260050C9	98980-1-RR
	IGF1R/CD221	241679A6	FcA98144		FLT4/VEGFR3	242430C2	98633-1-RR		SEMA7A	241814B12	FcA98324-3
	CD229/SLAMF3	252955E7	98845-2-RR		Frizzled 2	251644E1	98707-1-RR		Siglec-6/CD327	243088G2	FcA98416
	LIGHT/CD258	240694D7	FcA98063		gp130/IL6ST	242292C9	FcA98121-2		Siglec-7/CD328	241525H1	98183-1-RR
	DR5/CD262	242319H8	FcA98273		GPI	261335A1	98942-1-RR		Siglec-8	241275A5	FcA98177
	TWEAKR/CD266	240991C5	FcA98125		GPR37	252205H8	98665-1-RR		Siglec-9	241799C10	FcA98264-6
	TNFRSF13B/ CD267	241317D8	FcA98100		GPR56	242249A7	FcA98291		SOX9	251471F12	98586-1-RR
	BTLA/CD272	241318H5	FcA98096		HLA class I (HLA-ABC)	W6/32	65693-1-MR		SSEA-3	260901A1	98871-1-RR
	ICOSLG/B7-H2/ CD275	242241C8	98358-1-RR		HLA-DP	260767A1	98853-1-RR		SSEA-4	260902A1	98870-1-RR
	B7-H3/CD276	230305A10	FcA98017		HLA-G	261668A1	98985-1-RR		STAT5B	252436D9	98830-1-RR
	TLR3/CD283	230445F1	FcA98016		HVEM/TNFRSF14	250728C11	98362-2-RR		TGFBR2	250238A7	98438-1-RR
	CD300a	242131H4	98268-1-RR		IFNAR1	230549B1	FcA98067		TGM2	253540A1	98749-1-RR
	CD300f	253263H4	98801-2-RR		IFNAR2	250313D4	98474-5-RR		TLR2	251864G3	98376-5-RR
	CD300LG	252757A12	98809-3-RR		ILT-3/LILRB4	250356B3	FcA98486-3		TLR4/CD284	242067C1	98327-1-RR
	CD302	242903G5	FcA98413		IL-1R1	242245A10	98282-1-RR		TMEM119	251557E2	98677-3-RR
	EMR2/CD312	242042B11	98260-1-RR		IL-1RAP	240756A12	FcA98073		TMIGD2/CD28H	241807A5	FcA98263
	CD315/PTGFRN	252486C12	98839-2-RR		IL-5RA/CD125	242234C8	98338-1-RR		TNFRSF21/DR6	250249D8	98523-2-RR
	IGSF8/CD316	243019D8	98530-2-RR		IL-10RB	242302D2	FcA98292		TNFSF12	250734G8	98582-1-RR
	CDCP1/CD318	242428F9	FcA98294		IL12RB2	251356B12	98621-2-RR		TNFSF18	250008B9	98403-3-RR
	SLAMF7/CD319	241321F11	FcA98093		IL-15RA	242689E1	98380-3-RR		TRPM5	251123E12	98691-2-RR
	N-cadherin	230259D7	FcA98006		IL-20RA	250321B10	98512-2-RR		TRPM7	251124A5	98602-3-RR
	JAM2/CD322	242617F10	FcA98390		IL-22RA1	252165B7	98684-1-RR		TRPV2	251093A1	98654-2-RR
	FGFR2/CD332	241383D11	FcA98244		IL-23R	240905B5	FcA98180		TRPV3	250990C6	98540-1-RR
	FGFR4	242713H4	FcA98383-2		LPAM-1	261892A1	99016-1-RR		TRPV4	251361G8	98690-1-RR
	Jagged1/CD339	241412A6	FcA98243		LSP1	252179D8	98838-1-RR		TSPAN8	252991E8	98836-4-RR
	TREM-1/CD354	241279D10	FcA98154		LY75/DEC-205	250076A12	98575-6-RR		uPA/Urokinase	252624A9	98824-2-RR
	CRTAM/CD355	241280B12	FcA98157		JAM3	251954C5	98660-3-RR		TMIGD2/CD28H	241807A5	98263-1-RR
	CD367/CLEC4A	241854D7	98230-2-RR		LAIR1	241805G2	FcA98326		TNFRSF21/DR6	250249D8	98523-2-RR
	Beta-2- Microglobulin	241308D5	98165-1-RR		LIFR	250110B3	98432-2-RR		TNFSF12	250734G8	98582-1-RR
					LRP1	5A6	FcA65594		TNFSF18	250008B9	98403-3-RR
					LTBR	251739F2	98626-2-RR		TRPM5	251123B10	98691-3-RR
					LY86	252168G12	98678-1-RR		TRPM7	251124A5	98602-3-RR
					MCOLN2	251091D10	98650-1-RR		TRPV2	251093A1	98654-2-RR
					MERTK	251632D10	98604-2-RR		TRPV3	250990C6	98540-1-RR
									TRPV4	251361G8	98690-1-RR

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Anti-Mouse				Anti-Mouse				Anti-Mouse			
类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号
白细胞共同抗原	CD45	240356D1	FcA98035	T细胞	CTLA-4/CD152	241100B8	FcA98147	自然杀伤细胞	CD314/NKG2D	CX5	65100-1-Ig
		30-F11	65087-1-Ig			CD40L/CD154	240743E6			FcA98120	250267G1
	CD45.2	104	65072-1-Ig		MR1		65129-1-Ig		CD94	18D3	FcA65668
		240922E12	FcA98168		CXCR4/CD184	241956H2	98233-1-RR		CD96	252921G1	98858-2-RR
B细胞	CD45R (B220)	RA3-6B2	65139-1-Ig		LAG-3/CD223	241294E11	FcA98167		NKP46/NCR1	241804A12	FcA98198
	CD19	1D3	FcA65661			C9B7W	65098-1-Ig			29A1.4	FcA65667
		242301C6	FcA98287		CD226	250384G1	98495-1-RR		NCR3/NKp30	243109B11	98365-2-RR
	CD22	250078D10	FcA98485-2		ICOS/CD278	242639C3	FcA98341		CD107a / LAMP1	1D4B	65050-1-Ig
	CD23	241385D1	FcA98164		PD-1/CD279	J43.1	65120-1-Ig			250972H5	98537-2-RR
	CD24	M1/69	65121-1-Ig			RMP1-30	FcA65665		CD16/CD32	2.4G2	65080-1-Ig
		241691D7	FcA98176			240389B8	98080-1-RR			93	65057-1-Ig
	CD37	250262E4	FcA98443			29F1A12	FcA98080-6		252820A1	FcA98679	
	CD40	240874G8	FcA98122			RMP1-14	65684-1-TR		NKG2A/CD159a	260556H7	98965-1-RR
	CD69	H1.2F3	65105-1-Ig			RMP1-14	65684-2-MR		CD160	252665C10	98757-2-RR
		250269C11	98440-2-RR		Foxp3	3G3	65089-1-Ig	CD161a	253055A11	98859-1-RR	
	CD72	242846D10	FcA98354-3			DTA-1	65102-1-Ig	CD226	250384G1	98495-1-RR	
	CD79a	241231F7	FcA98129		GITR/TNFRSF18	250666B12	FcA98466-3	KLRG1	2F1	65682-1-AR	
	CD79b	241850D10	FcA98217			IFN-gamma	240262C9	FcA98045	Ly-49F	252986D3	98964-2-RR
	CD80	16-10A1	65076-1-Ig		IL-4	XMG1.2	65153-1-Ig	CD11b	M1/70	FcA65672	
		241371E12	FcA98158			242736G8	98360-2-RR		252750D6	98772-2-RR	
	CD86	230476B8	FcA98025		IL-12/IL-23 p40	230037C9	FcA98004		CD11c	N418	98671-2-RR
		GL1	FcA65673			C17.8	65097-1-Ig		CD13	252058B2	98694-4-RR
	CD138/ Syndecan-1	241278C7	FcA98152		TIGIT	242242F11	FcA98285	CD14	240225C2	FcA98020	
		CD268/BAFF-R	243120H8			FcA98404	250731C10	98026-4-RR	CD16/CD32	2.4G2	65080-1-Ig
	IgM	252497G11	98759-1-RR		TCR alpha	253311A1	98716-1-RR	93		65057-1-Ig	
	T细胞	GL7	GL-7			65261-1-Ig	TCR beta	H57-597		65678-1-AR	252820A1
		CD2	241548A5	FcA98193	VISTA	250122B7		98487-2-RR	CD64	241809A6	FcA98218
			260769A1	FcA98851	GL7	MHC Class II (I-A/I-E)	GL-7	65261-1-Ig	CSF1R/CD115	AFS98	65095-1-Ig
		CD3e	145-2C11	FcA65651			M5/114.15.2	FcA65663	242213B1	98334-2-RR	
		CD3	17A2	FcA65659		CD11b	M1/70	FcA65672	Ly-6G	1A8	65078-1-Ig
GK1.5			FcA65662	252750D6			98772-2-RR	Ly-6C	HK1.4	FcA65669	
CD4		RM4-4	FcA65655	CD11c		N418	98671-2-RR	Ly-6G/Ly-6C (Gr-1)	RB6-8C5	FcA65687-3	
		250263B7	98522-3-RR	CD8a	53-6.7	FcA65666	Ly-6G	242141B11	FcA98284		
CD5		240244A7	FcA98038-2		5H10-1	65205-1-Ig	F4/80	241959G4	FcA98236		
CD6		241471F3	FcA98161		242879C10	FcA98472-2	CD11b	M1/70	FcA65672		
CD8a		53-6.7	FcA65666		241371E12	FcA98158		252750D6	98772-2-RR		
		242879C10	FcA98472-2	CD80	241002B7	FcA98119	CD11c	N418	98671-2-RR		
CD8b		250480F2	98461-3-RR		CD83	241002B7	FcA98119	CD14	240225C2	FcA98020	
CD25/IL-2RA		PC61.5	65137-1-Ig	CD86		230476B8	FcA98025	CD16/CD32	2.4G2	65080-1-Ig	
		242494H5	FcA98288		GL1	FcA65673	93		65057-1-Ig		
DPP4/CD26		242823A9	FcA98356	CD103	2E7	65677-2-AR	252820A1	FcA98679			
CD27		241378E11	FcA98160		2E7	65047-1-Ig	CD64	241809A6	FcA98218		
CD28		241707H6	FcA98195	252752B3	98764-1-RR	CD68	230504G5	FcA98029			
CD69		H1.2F3	65105-1-Ig	CD209	250173A4	98563-2-RR	CD80	16-10A1	65076-1-Ig		
		250269C11	FcA98440-2		CLEC10A/CD301	242636F7		FcA98437	241371E12	FcA98158	
CD62L		250271C5	98441-3-RR	Neuropilin 1/ CD304	251829C7	98638-2-RR	CD86	230476B8	FcA98025		
IL-7Ra/CD127		A7R34	65093-1-Ig		CLEC9A/CD370	242895F4		FcA98395	GL1	FcA65673	
		242852B4	FcA98385	Dectin-1	250609F8	98597-1-RR	CD107b / LAMP2	ABL-93	65052-1-Ig		
CD134/OX40		OX-86	FcA65657	LY75/DEC-205	251337B3	98583-3-RR		241893A5	98315-4-RR		
		242901A7	FcA98409-2		PK136	65138-1-Ig	CD169	251348C3	98581-4-RR		
TNFRSF9/CD137		241647E11	FcA98182	NK1.1 (CD161)	253074D6	98820-1-RR	CD204	251367F5	98576-2-RR		
							CD206	240344D12	FcA98031		

Proteintech流式抗体目录（持续更新中）

可提供二十余种荧光染料进行偶联，货号FcA开头为FcZero-rAb® Fc沉默重组流抗系列

Anti-Mouse				Anti-Mouse				Anti-Mouse			
类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号
巨噬细胞	MHC Class II (I-A/I-E)	M5/114.15.2	FcA65663	内皮细胞	VE-cadherin/CD144	241953D4	FcA98251	细胞因子	CCL11/Eotaxin	243012F8	FcA98464
	Dectin-1	250609F8	98597-1-RR		CD146/MCAM	P1H12	65181-1-Ig		CCL12/MCP-5	250386G10	98542-1-RR
巨大细胞	CD117/c-Kit	240246C11	FcA98041		Tie-2/CD202b	241753F12	FcA98219		CCL17/TARC	250385D10	98553-1-RR
	FceR1a	242008G6	FcA98289		VEGFR2/CD309	240214D7	FcA98027-2		CCL20/MIP-3 alpha	250239E12	98519-1-RR
造血干细胞	Ly-6A/E (Sca-1)	252494B7	98828-3-RR		ESAM	253062F6	98811-1-RR		CCL22/MDC	250115D3	98501-2-RR
	CD34	240659B11	FcA98069		PLVAP	MECA-32	FcA65664		CCL28	252525A7	98826-5-RR
	CD38	90	FcA65660	细胞因子	MAdCAM1	242902D6	FcA98444	癌症相关	TGF-alpha	252050G1	98816-1-RR
		250107D11	FcA98433-3		CXCL1	240268D2	FcA98047		Ki-67	241768E2	FcA98224
	CD90.2	30-H12	FcA65656		CXCL2	242007G5	FcA98259		4-1BBL/TNFSF9	250379F3	98543-1-RR
	CD117/c-Kit	240246C11	FcA98041		CXCL4/PF4	242741F10	FcA98397-2		CD47	242850C4	FcA98456-3
		2B8	65054-1-Ig		CXCL5	242737D4	FcA98417-2		CD147	241852B4	FcA98229
	SLAM/CD150	242631G1	FcA98348		CXCL12/SDF-1	252850G8	98784-1-RR		PD-L2/CD273	241728D8	98241-1-RR
	CD164	242986C2	FcA98419-3		CXCL13/BCA1	250336E12	98562-1-RR		PD-L1/CD274	10F.9G2	FcA65685-2
	ALCAM	241945G8	98316-4-RR		G-CSF	250727D12	98299-6-RR			240993E1	FcA98166
间充质干细胞	CD90.2	30-H12	FcA65656		GM-CSF	230286E11	98014-1-RR		Chromogranin A	250318C8	98546-2-RR
	CD44	IM7	FcA65686		IFN-beta	240230B6	98082-1-RR		EGFR	250760H6	98632-1-RR
		242666F8	FcA98359-2		IFN-gamma	240262C9	FcA98045		E-cadherin	DECMA-1	65241-1-Ig
	CD73	241541G9	FcA98199			XMG1.2	65153-1-Ig			241282C1	FcA98140
	Endoglin/CD105	242305E7	FcA98290		IL-1 alpha	240431G10	98052-1-RR		EPCAM/CD326	252759F2	98792-2-RR
	VCAM-1/CD106	240597C2	FcA98059		IL-1 beta	241364B3	98179-1-RR		Galectin-1	252720H7	98767-1-RR
	ICAM-1/CD54	240249D10	FcA98049		IL-2	240358A2	FcA98055		Galectin-3	242453H5	98335-3-RR
					IL-4	242736G8	98360-2-RR		HER2/ErbB2	241366E6	FcA98153
巨核细胞/血小板	CD9	242432C7	FcA98270		IL-5	242075A7	FcA98352		TACSTD2/TROP2	252767E1	98879-3-RR
	CD31	242041B5	FcA98258	细胞因子	IL-6	240701E8	FcA98089	其他	ACE2	250137D6	98508-1-RR
	CD36	242662C12	FcA98350-2		IL-11	251204A8	98710-2-RR		APRIL/TNFSF13	241666F9	FcA98331-2
	CD41	MWReg30	FcA65674		IL-12/IL-23 p40	230037C9	FcA98004		BCRP/ABCG2	252770E11	98796-3-RR
		252737H2	98893-2-RR			C17.8	65097-1-Ig		Beta-2-Microglobulin	250172F11	98442-2-RR
	P-Selectin/CD62P	240766F5	98302-2-RR		IL-13	2C14	98003-1-RR		CD1d	1B1	FcA65652
粒细胞	CD11b	M1/70	FcA65672		IL-15	230285B3	98036-1-RR		CD11a	M17/4	FcA65670
		252750D6	98772-2-RR		IL-16	250058E6	98535-1-RR		CD18	M18/2	FcA65671
	CD11c	N418	98671-2-RR		IL-17A	230038C7	FcA98005		CD30/TNFRSF8	241710B4	98209-1-RR
	CD13	252058B2	98694-4-RR		IL-17C	250601C2	98556-1-RR		CD30 Ligand/TNFSF8	241012G10	FcA98113
	CD16/CD32	2.4G2	65080-1-Ig		IL-17F	230026G6	98019-1-RR		CD39	251030A7	98544-2-RR
		93	65057-1-Ig		IL-18	252154A6	98846-3-RR		CD48	240732A5	98081-1-RR
		252820A1	FcA98679		IL-19	242880F4	FcA98431-2			HM48-1	65227-1-Ig
	Ly-6G	1A8	65078-1-Ig		IL-21	230267G7	FcA98015		CD49b	252736A5	98766-2-RR
	Ly-6C	HK1.4	FcA65669		IL-23 p19	242139G12	FcA98392		CD52	252420C6	98775-2-RR
	Ly-6G/Ly-6C (Gr-1)	RB6-8C5	FcA65687-3		IL-25/IL-17E	250033D3	98536-3-RR		CD53	250105D10	FcA98436-3
	Ly-6G	242141B11	FcA98284		IL-27 p28	242655B5	98421-4-RR		CD55	241808D11	FcA98228
	MPO	252945A9	98314-8-RR		IL-28A	242247E2	FcA98388		NCAM1/CD56	240936A4	FcA98118
	Neutrophil elastase	241842G3	FcA98197		IL-28B	250563C9	98567-3-RR		CEACAM1/CD66a	241856H5	98185-1-RR
	FceR1a	242008G6	FcA98289		IL-31	251606F2	98655-2-RR		CD70	241553F2	FcA98212
					IL-36 Beta/IL-1F8	252823B3	98869-3-RR		CD71	RI7217	FcA65654
红细胞	Glycophorin A/CD235a	242129D10	FcA98269		CCL1	250094D6	98502-2-RR			242122F6	FcA98272
	TER-119	TER-119	65149-1-Ig	内皮细胞	MCP-1/CCL2	230483A9	FcA98028		CD74	250109G4	FcA98425-3
内皮细胞	CD31	242041B5	FcA98258		CCL3/MIP-1 alpha	241695B10	FcA98194		CD84	240903B8	98076-1-RR
	ICAM-1/CD54	240249D10	FcA98049		CCL5/RANTES	250841B1	98662-3-RR		uPAR/CD87	242976A9	FcA98424-3
	E-selectin/CD62E	240700D4	FcA98065		CCL6	250240F6	98482-3-RR		Fas/CD95	241229C11	FcA98135
	CD93	250526G11	98496-1-RR		CCL7/MCP-3	250662G6	98555-1-RR		CD98/SLC3A2	241247F1	FcA98128
	Endoglin/CD105	242305E7	FcA98290		CCL8/MCP-2	250174H6	FcA98480		CD99	260602E8	98977-2-RR
					CCL9	243103H5	FcA98475				

Proteintech流式抗体目录（持续更新中）

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Anti-Mouse				Anti-Mouse				Anti-Rat					
类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号	类别	靶标名称	克隆号	查询货号		
其他	IGSF2/CD101	250569E6	98596-2-RR	其他	IL-17RB	242967D1	FcA98455-2	巨核细胞/ 血小板	CD31	250372H6	98457-1-RR		
	Nectin-2/CD112	241798A11	FcA98231		IL-20RB	250596B5	98569-3-RR		CD36	250237C10	98514-3-RR		
	CSF2RA/CD116	241889A5	FcA98196		Integrin beta 5	252748H5	98706-1-RR		CD63	260174A12	98920-4-RR		
	IFNGR1/CD119	241832H4	FcA98201		Integrin alpha 6	252744D10	98780-1-RR	内皮细胞	CD31	250372H6	FcA98457		
	TNFR1/CD120a	250007H7	FcA98498		Integrin beta 7	FIB504	65213-1-Ig		VCAM-1/CD106	251266G3	98618-1-RR		
	TNFR2/CD120b	240200D4	98021-1-RR		Integrin alpha 9	252746E1	98862-2-RR		VEGFR1/Flt-1	242311D5	FcA98418-2		
	IL3RA/CD123	252425E12	98687-2-RR		JAM3	242630E6	FcA98393-2	IFN-gamma	6K20	FcA98001			
	IL-4RA/CD124	242262F10	98276-1-RR		JAML	253309A1	98718-1-RR	IL-1 alpha	251278D7	98732-2-RR			
	CD126/IL-6R alpha	230371A7	FcA98024		Leptin	251280D9	98729-2-RR	IL-1 beta	241001F11	FcA98310-2			
	IL-3RB/CD131	241954C1	FcA98232		LEPR	250779C11	98625-2-RR	IL-2	240264C7	FcA98046			
	IL-2RG/CD132	253082E4	98880-1-RR		LPAM-1	DATK32	65101-1-Ig	IL-4	241249H7	FcA98255			
	PDGFR alpha/ CD140a	242025B3	FcA98256		IL-1R2	242602C1	FcA98347	IL-12/IL-23 p40	250781C7	98623-2-RR			
	PDGFR beta/ CD140b	241754F6	98207-1-RR		LAIR1	242226E10	FcA98286	IL-12A/IL-12 p35	250739E10	98594-2-RR			
	Tissue Factor/ CD142	240875G1	FcA98114		MERTK	250615D11	98798-1-RR	IL-17A	250413G7	98564-1-RR			
	CD155/PVR	240731B1	98077-1-RR		MHC Class I (H2-Dd)	261337A1	98940-1-RR	IL-25/IL-17E	252727B8	99000-3-RR			
	CD157	241822H1	FcA98213		MMP9	230069F1	FcA98396	M-CSF	250741C8	98641-3-RR			
	L1CAM/CD171	250101F8	98510-1-RR		MRC2	252048C1	98837-3-RR	GM-CSF	243117B1	FcA98463-3			
	SIRP Alpha/ CD172a	241794D9	FcA98225		NGFR/TNFRSF16	242634B10	FcA98391-2	CCL4/MIP-1 beta	251973F1	98770-4-RR			
	CD200	240391A6	FcA98039		OLR1/LOX1	250111C2	98509-6-RR	CCL17/TARC	260464C5	98928-1-RR			
		OX90	65230-1-Ig		OX40L/TNFSF4	242227B1	FcA98381	CCL20/MIP-3 alpha	250116G4	98500-1-RR			
	CD200R1	241453E7	FcA98155		Plexin-B2	253080F8	98822-1-RR	CXCL4/PF4	260144E9	98946-2-RR			
	EPCR/CD201	241853A7	FcA98248		PLVAP	252998F8	98793-1-RR	CXCL5	252070D7	98817-1-RR			
	ENPP3/CD203c	252722H8	98915-1-RR		PLXNC1	252223G5	98843-1-RR	CXCL7/PPBP	250049B8	98497-3-RR			
	CD229/SLAMF3	242312D12	FcA98274		Podocalyxin	252967A3	98799-3-RR	4-1BBL/TNFSF9	251937G7	98768-1-RR			
	LIGHT/CD258	250481H2	98627-1-RR		Podoplanin	250618A2	FcA98492-3	B7-H4	250392E12	98552-2-RR			
	TWEAKR/CD266	241646F11	FcA98382-2		RON/MST1R	250364F1	98587-2-RR	Beta-2- Microglobulin	250092C5	98429-1-RR			
	TNFRSF13B/ CD267	250265B1	98439-2-RR		SDC2	242939A12	FcA98399	CLEC4D	260198D12	98922-2-RR			
	BTLA/CD272	242133A1	FcA98246-2		S100A8	250113D8	FcA98467-2	CD30/TNFRSF8	252212B8	98818-1-RR			
	PD-L1/CD274	242265E6	FcA98166-4		S100A9	250759F10	98505-5-RR	CD47	252535G6	98773-1-RR			
	ICOSLG/B7-H2/ CD275	240243G5	98058-1-RR		SEMA4A	250325B12	98513-2-RR	DDR1/CD167a	250766G5	98629-1-RR			
	B7-H3/CD276	MJ18	65221-1-Ig		SLAMF6	251099G11	98541-1-RR	E-cadherin	242018A7	FcA98323			
	TLR4/CD284	230463C7	FcA98018		ST6GAL1	251963F8	98795-1-RR	Fas Ligand/CD178	242892G9	FcA98430			
	CD300LB	253059H1	98999-1-RR		TGFBI/BIGH3	251191C5	98667-2-RR	MMP8	242473B12	FcA98361-3			
	CD302	242893C3	FcA98434-2		TIM4	242616C10	98401-1-RR	NGFR/TNFRSF16	242465H4	98369-1-RR			
		252390A5	98725-3-RR		TNFSF15	250983B4	98658-2-RR	TLR4	253539A1	98747-1-RR			
	SLAMF7/CD319	242629G1	FcA98342		TNFSF18	242937B11	98423-5-RR						
	JAM-A/CD321	250060G10	98516-2-RR		TREML4	252981D5	98834-3-RR	Anti-Monkey (NHP)					
	TREM-1/CD354	240219H1	98022-1-RR		VEGFR3/FLT4	252201C3	98676-2-RR	靶点名称		克隆号	查询货号		
	CRTAM/CD355	250055A1	FcA98420-3	Anti-Rat				CD3	SP34	FcA98319-2			
	CD361/EVI2B	251941B9	98666-2-RR	类别	靶标名称	克隆号	查询货号	CD4	240427E12	FcA98042			
	CD367/CLEC4A	251355C11	98688-2-RR					白细胞共同 抗原	CD45	OX1	65628-2-MR		
	CLEC12A/CD371	242620B12	FcA98357	252198H7	98651-1-RR	CD8	SK1			FcA65630			
	CRLF2	252992C2	98884-3-RR	T细胞	CD8a	OX-8	FcA65577		CD8a	243018F10	FcA98470		
	Csf2rb2	250610G11	98460-3-RR			250721G1	FcA98484-2		CD11b	M1/70	FcA65672		
	CXCR2	242766G3	FcA98353-4		CD25/IL-2RA	250670E12	98545-2-RR		CD13	WM15	65186-1-Ig		
	EMCN	260082E7	98917-1-RR		CD43	W3/13	FcA65607	CD14	230332D7	FcA98040			
	ENPEP	250659C1	98489-3-RR			251932G11	98636-1-RR	CD16	3G8	FcA65612			
	EPHA2	253572F3	98888-1-RR	自然杀伤 细胞	CD45RA	OX-33	FcA65578	CD19	253337A1	FcA98560-3			
	FGFR4	253075B4	98963-3-RR		CD122/IL-2RB	260167B6	98945-3-RR	CD20	2H7	FcA65575			
	G-CSFR	250343C6	98503-2-RR		IL-7Ra/CD127	252656E5	98814-1-RR	CD25/IL-2RA	253320A1	FcA98469-4			
	gp130/IL6ST	242236B6	FcA98275	Kp46/NCR1	241811E9	FcA98250	240906B7		98469-2-RR				
	Gzma	251097D2	98630-2-RR	KLRB1/CD161	241840F3	98249-1-RR	BC96		65096-1-Ig				
	HVEM/TNFRSF14	252718B3	98781-2-RR	巨噬细胞	CD11b/c	OX42	FcA65606	CD28	240354D2	FcA98032			
	IFNAR1	260039C2	98910-3-RR		CD80	3H5	FcA65580	CD38	241246D5	FcA98148			
	IFNAR2	252155D9	98831-1-RR			250725G5	98572-1-RR	CD41	HIP8	65173-1-Ig			
	IL-13RA2	242742C4	FcA98407-3	CD86	24F	65224-1-Ig	CD45	251964B9	98117-5-RR				
	IL-15RA	242618B9	FcA98406-2	CD90	241388F3	FcA98162	CD64	10.I	FcA65572				
	IL-17RA	250349C6	98532-2-RR	FLT3/CD135	260200A5	98921-1-RR	CD69	241552G10	98173-2-RR				
				造血干细胞	ICAM-1/CD54	240725C2	FcA98060	CD83	HB15e	FcA65581			
					CD44	241648F8	FcA98208	HLA-DR	L243	FcA65560			
				间充质干 细胞	VCAM-1/CD106	251266G3	98618-1-RR	Integrin Beta 1/ CD29	TS2/16	FcA65601			
							PD-1/CD279	EH12.2H7	65168-1-Ig				
							P-Selectin/CD62P	AK4	65164-1-Ig				
							TIGIT	240423C7	FcA98023-2				

Proteintech流式抗体目录（持续更新中）

可提供二十余种荧光染料进行偶联，货号FcA开头为FcZero-rAb® Fc沉默重组流抗系列

稀有种属				其他				单链抗体scFv			
物种	靶标名称	克隆号	查询货号	物种	靶标名称	克隆号	查询货号	物种	靶标名称	克隆号	查询货号
Bactrian Camel	CD4	252384E3	98791-3-RR	GGGS Linker Whitlow/218 Linker	242306C8	FcA98262	SF98042-1-RR	Human	CD80	242913B11	SF98384-1-RR
Canine	CD14	251781F7	98649-2-RR		242306C8	98262-1-RR	SF98054-1-RR		CD8b	241326A7	SF98103-1-RR
	IL-2	251319A5	98701-3-RR		252007G1	98672-3-RR	SF98095-1-RR		CD98/SLC3A2	241755D6	SF98190-1-RR
	IL-6	251281D1	98680-3-RR		Biotin	242355B1	98598-1-RR		SF98318	CD107a / LAMP1	242116E8
	CXCL8/IL-8	251306F2	98689-3-RR	242355B1		FcA98598	SF98202		CD107a / LAMP1	H4A3	SF65596-1-MR
Cat Dromedary	CD4	260552B5	98988-2-RR	HA Tag	251110A1	FcA98447	SF98190		CD107b / LAMP2	H4B4	SF65566-1-MR
	CD8a	251504B9	98761-3-RR		6*His, His-Tag DYKDDDDK tag	251107A1	FcA98450		SF98229	CD134/OX40	241398G7
	CD8b	252719C2	98778-3-RR	251108A1		FcA98449	SF98038-2-RR		EGFR	242684A1	SF98344-1-RR
	CD14	251780D11	98760-3-RR	CD8a		53-6.7	SF65666-1-TR		EPCAM/CD326	250626C6	SF98303-5-RR
IgM	253225B5	98812-1-RR	NCAM1/CD56	240936A4		SF98118-1-RR	ICOS/CD278		241770G11	SF98214-1-RR	
Guinea Pig	CD4	251660F2	98642-3-RR						LIGHT/CD258	240694D7	SF98063-1-RR
	CD8a	251646F4	98639-1-RR					PD-1/CD279	240724G11	SF98068-1-RR	
Pig	CD8b	251567C4	98585-1-RR					TCR V γ 5V61	251677A1	SF98527-1-RR	
	CD4	251740A6	98668-3-RR					TCR V γ 9V62	251678A1	SF98526-1-RR	
	CD8b	251664G7	98700-1-RR					CD3e	145-2C11	SF65651-1-AR	
	CD19	252413E3	98714-2-RR					CD4	RM4-4	SF65655-1-TR	
	IgA	260264D9	98932-2-RR					CD5	240244A7	SF98038-2-RR	
	IgM	252704G9	98938-1-RR					CD24	241691D7	SF98176-1-RR	
	IL-1 beta	250982G2	98640-1-RR					CD47	242850C4	SF98456-3-RR	
	IL-4	250935A4	98613-3-RR					CD8a	53-6.7	SF65666-1-TR	
	IL-6	251277F3	98703-1-RR					CD8b	250480F2	SF98461-3-RR	
	IL-10	251375A7	98712-3-RR					CD147	241852B4	SF98229-1-RR	
	IFN-gamma	251307D12	98702-2-RR					L1CAM/CD171	250101F8	SF98510-1-RR	
Rabbit	CXCL8/IL-8	251403D9	98730-1-RR					NCAM1/CD56	240936A4	SF98118-1-RR	
	CD3	242568D11	98349-1-MR					N/A	scFv Isotype Control	240953C9	SF98136-1-RR
	CD19	242570A11	98351-1-MR						scFv Isotype Control	250862A1	SF98427-1-RR
	CD27	250403B10	98309-8-MR								
CD38	250406C8	98306-6-MR									
Sheep	CD4	252607H7	98762-1-RR								
	CD14	251673C4	98648-3-RR								

可用于流式细胞术的修饰性抗体		
靶标名称	查询货号	适用物种
Di-Methyl-Histone H3 (Arg2)	84702-1-RR	Human,Mouse,Rat
Mono/Di-Methyl-Histone H3 (Lys4)	84747-1-RR	Human,Mouse,Rat
Mono-Methyl-Histone H3 (Lys36)	82825-2-RR	Human,Mouse,Rat
Phospho-ACC1 (Ser79)	80281-2-RR	Human,Mouse
Phospho-ACC1 (Ser79)	29119-1-AP	Human,mouse,rat
Phospho-AKT (Ser473)	66444-1-Ig	human, mouse,rat
Phospho-AKT (Thr308)	81232-10-RR	Human,Mouse,Rat
Phospho-AKT1 (Ser473)	80462-1-RR	Human,mouse
Phospho-AMPK Alpha (Thr172)	80209-6-RR	Human,Mouse
Phospho-AMPK Beta 2 (Ser39)	86794-1-RR	Human,Mouse,Rat
Phospho-ASK1 (Ser83)	80072-2-RR	Human
Phospho-ATG4B (Ser383)	85703-1-RR	Human
Phospho-ATR (Ser428)	86330-1-RR	Human
Phospho-BAD (Ser112)	80431-2-RR	Human
Phospho-BCL2 (Ser70)	80771-2-RR	Human
Phospho-Beta Catenin (Ser33)	80067-1-RR	Human,Mouse,Rat
Phospho-CAD (Ser1859)	87337-1-RR	Human
Phospho-CDK1/CDC2 (Tyr15)	82751-5-RR	Human
Phospho-CHEK2 (Thr68)	81740-1-RR	Human
Phospho-Cofilin (Ser3)	86307-1-RR	Human,Mouse
Phospho-CRKL (Tyr207)	84590-2-RR	Human,Mouse
Phospho-c-SRC (Ser17)	80706-3-RR	Human
Phospho-eEF2 (Thr57)	80351-2-RR	Human

可用于流式细胞术的修饰性抗体		
靶标名称	查询货号	适用物种
Phospho-EGFR (Tyr1016)	82736-11-RR	Human
Phospho-EGFR (Tyr1069)	87711-2-RR	Human
Phospho-EGFR (Tyr1197)	84906-1-RR	Human
Phospho-EGFR (Tyr869)	84839-1-RR	Human
Phospho-EIF2AK4 (Thr899)	82835-3-RR	Human,Mouse
Phospho-EIF2S1 (Ser51)	68023-1-Ig	Human,Rat,Mouse
Phospho-EIF4E (Ser209)	84981-1-RR	Human
Phospho-ERK1/2 (Thr202/Tyr204)	80031-1-RR	Human,Mouse
Phospho-Estrogen Receptor α (Ser118)	84564-6-RR	Human
Phospho-GRB10 (Ser476)	80103-2-RR	Human,Mouse
Phospho-GSK3A (Tyr279)/GSK3B (Tyr216)	82371-5-RR	Human,Mouse
Phospho-Hamartin/TSC1 (Ser511)	80340-1-RR	Human,mouse
Phospho-HER2/Erbb2 (Tyr877)	82762-11-RR	Human
Phospho-Histone H2A.X (Ser139)	83307-2-RR	Human,Mouse,Rat
Phospho-Histone H3 (Ser10)	66863-1-Ig	Human
Phospho-Histone H3 (Thr3)	84739-2-RR	Human,Mouse
Phospho-Histone H3 (Thr3)	84739-1-RR	Human,Mouse,Rat
Phospho-HSP27 (Ser15)	83332-3-RR	Human
Phospho-Ik β Alpha (Ser32/36)	82349-1-RR	Human,Rat,Mouse
Phospho-Ik β Beta (Thr19/Ser23)	84403-1-RR	Human
Phospho-IRF3 (Ser396)	80519-2-RR	Human
Phospho-JNK (Tyr185)	80024-1-RR	Human,mouse
Phospho-JUN (Ser73)	80086-1-RR	Human,mouse

Proteintech流式抗体目录（持续更新中）

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可用于流式细胞术的修饰性抗体		
靶标名称	查询货号	适用物种
Phospho-JUN (Thr91/93)	81667-2-RR	Human,Mouse
Phospho-MEK1 (Ser298)	84691-1-RR	Human
Phospho-MEK1 (Thr292)	67873-1-Ig	Human,mouse,rat
Phospho-MEK1 (Thr386)	81304-1-RR	Human
Phospho-MSK1 (Ser376)	87619-1-RR	Human
Phospho-MST1 (Thr183)/MST2 (Thr180)	80093-1-RR	Human,Mouse
Phospho-mTOR (Ser2448)	80596-1-RR	Human,Rat,Mouse
Phospho-mTOR (Ser2448)	67778-1-Ig	Human,Mouse,Rat
Phospho-Myosin Light Chain 2 (Thr18/Ser19)	85804-1-RR	Human,Mouse,Rat
Phospho-Myosin Light Chain 2 (Thr18/Ser19)	29504-1-AP	Human
Phospho-MYPT1 (Thr853)	87088-1-RR	Human,Rat,Mouse
Phospho-NF-κB p65 (Ser468)	82335-1-RR	Human,Mouse
Phospho-NF-κB p65 (Ser536)	80379-2-RR	Human,Mouse
Phospho-P53 (Ser15)	80195-1-RR	Human
Phospho-P53 (Ser15)	67826-1-Ig	Human
Phospho-P53 (Ser392)	80077-2-RR	Human
Phospho-P53 (Ser46)	80077-9-RR	Human
Phospho-P53 (Ser46)	67900-1-Ig	Human
Phospho-PAK4 (Ser474)/PAK5 (Ser602)/PAK6 (Ser560)	87648-2-RR	Human,Mouse
Phospho-PDH E1 Alpha (Ser232)	81491-1-RR	Human
Phospho-PDH E1 Alpha (Ser293)	80688-2-RR	Human
Phospho-PDPK1 (Ser241)	85223-3-RR	Human,Mouse
Phospho-PERK/EIF2AK3 (Ser719)	81251-2-RR	Human,Mouse
Phospho-PERK/EIF2AK3 (Thr982)	82534-1-RR	Human,mouse
Phospho-PFKFB2 (Ser483)	87525-1-RR	Human
Phospho-PKA C (Thr198)	87365-3-RR	Human,Mouse
Phospho-PKC Alpha (Ser657)	83840-7-RR	Human,Rat,Mouse
Phospho-PKC Alpha (Thr638)	81575-2-RR	Human
Phospho-PKC Delta (Ser645)	87213-1-RR	Human
Phospho-POLR2A (Ser2)	84974-1-RR	Human
Phospho-POLR2A (Ser5)	84834-1-RR	Human

可用于流式细胞术的修饰性抗体		
靶标名称	查询货号	适用物种
Phospho-PRAS40 (Ser183)	85244-1-RR	Human
Phospho-RIPK1 (Ser161)	66854-1-Ig	Human
Phospho-RPS6KA1 (Ser380)	80108-1-RR	Human,Mouse
Phospho-RPS6KA1 (Thr359/Ser363)	81475-1-RR	Human,mouse
Phospho-RPS6KA3 (Ser227)	87534-1-RR	Human
Phospho-S6 Ribosomal protein (Ser235)	67898-1-Ig	Human,mouse,rat
Phospho-S6 Ribosomal protein (Ser236)	80206-1-RR	Human,Mouse
Phospho-S6 Ribosomal protein (Ser240/244)	80575-3-RR	Human,Mouse,Rat
Phospho-SF3B1 (Thr313)	87710-1-RR	Human,Mouse
Phospho-SMAD2 (Ser465/467)/SMAD3 (Ser423/425)	80427-2-RR	Human
Phospho-STAT1 (Tyr701)	82674-10-RR	Human
Phospho-STAT1 (Tyr701)	28979-1-AP	Human
Phospho-STAT3 (Ser727)	80199-2-RR	Human
Phospho-STAT3 (Ser727)	60479-1-Ig	Human
Phospho-STAT5A (Ser726)/STAT5B (Ser731)	80138-2-RR	Human
Phospho-STAT5A (Tyr694)/STAT5B (Tyr699)	80115-1-RR	Human
Phospho-STAT5A (Tyr694)/STAT5B (Tyr699)	68000-1-Ig	Human
Phospho-STAT5A (Tyr694)/STAT5B (Tyr699)	28949-1-AP	Human
Phospho-STAT6 (Tyr641)	86641-1-RR	Human
Phospho-STK11/LKB1 (Thr189)	80127-1-RR	Human,Mouse
Phospho-TAK1 (Ser439)	87129-2-RR	Human,Mouse
Phospho-TAK1 (Thr187)	81785-1-RR	Human
Phospho-TAU (Thr231)	80101-7-RR	Human,Mouse
Phospho-TBC1D4 (Ser318)	87885-1-RR	Human
Phospho-TSC2 (Ser1387)	80553-2-RR	Human,Mouse
Phospho-Tyrosine	88001-1-RR	-
Phospho-Tyrosine	86398-1-RR	-
Phospho-ULK1 (Ser556)	80218-1-RR	Human
Phospho-Vimentin (Ser39)	87714-1-RR	Human,Mouse,Rat
Phospho-YAP1 (Ser127)	80694-2-RR	Human
Phospho-YAP1 (Ser397)	80694-3-RR	Human,Mouse

同型对照			
类型	抗体名称	克隆号	查询货号
Mouse IgG1	Mouse IgG1, κ Isotype Control Recombinant Antibody	MOPC-21	98742-2-MR
	Mouse IgG1, κ Isotype Control Recombinant Antibody	253504A1	98742-1-MR
Mouse IgG1, λ	Mouse IgG1, λ isotype control Recombinant Antibody	253505A1	98741-1-MR
Mouse IgG2a, κ	Mouse IgG2a Isotype Control (C1.18.4)	C1.18.4	65208-1-Ig
	Mouse IgG2a Isotype Control (MOPC-173) Recombinant Antibody	MOPC-173	65571-1-MR
	Mouse IgG2a, κ Isotype Control Recombinant Antibody	252252A1	98599-1-MR
Mouse IgG2a, λ	Mouse IgG2a, λ Isotype Control Recombinant Antibody	252253A1	98600-1-MR
Mouse IgG2b, κ	Mouse IgG2b Isotype Control (MPC-11)	MPC-11	65128-1-Ig
	Mouse IgG2b, κ Isotype Control Recombinant Antibody	253506A1	98740-1-MR
Mouse IgG2b, λ	Mouse IgG2b, λ isotype control Recombinant Antibody	253507A1	98739-1-MR
Mouse IgM	Mouse IgM Isotype Control (MOPC-104E)	MOPC-104E	65243-1-Ig
Rat IgG1	Rat IgG1 Isotype Control (HRPN)	HRPN	65212-1-Ig
Rat IgG2a	Rat IgG2a Isotype Control Recombinant Antibody	250862A1	98427-1-TR
	Rat IgG2a Isotype Control (2A3)	2A3	65209-1-Ig
Rat IgG2b	Rat IgG2b Isotype Control (LTF-2)	LTF-2	65211-1-Ig
	Armenian Hamster IgG Isotype Control (PIP) Recombinant Antibody	PIP	65681-3-AR
Rabbit IgG	Rabbit IgG Isotype Control Recombinant Antibody	240953C9	FcA98136
Human IgG1	Human IgG1, κ isotype control Recombinant Antibody	262113A1	99026-1-HR





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