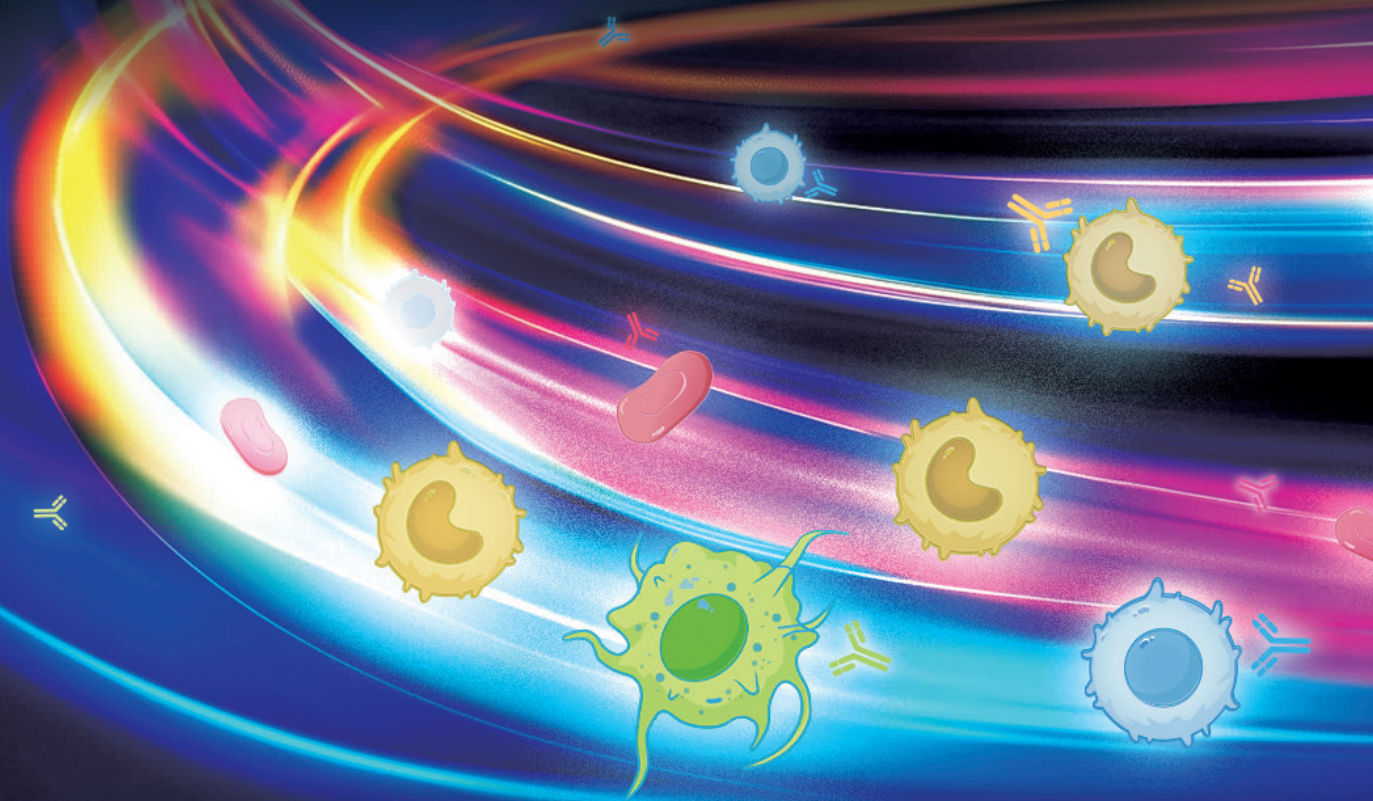




重组流式抗体 应用对比数据

超越经典



目录

01	公司介绍.....	4
02	ABCE™单个 B 细胞抗体发现技术平台.....	5
03	重组流式抗体介绍.....	6
	全新克隆重组流式抗体.....	6
	传统克隆重组流式抗体.....	10
	FcZero-rAb®Fc 沉默重组流式抗体.....	12
04	重组流式抗体应用对比数据.....	16
05	流式实验辅助试剂.....	23
	流式荧光染料介绍.....	23
	辅助试剂介绍.....	24
06	重组流式抗体目录.....	25
	Anti-Human 系列.....	25
	Anti-Mouse 系列.....	28
	Anti-Rat 系列.....	30
	Anti-Rabbit 系列.....	30
	同型对照抗体.....	30



热门靶点对比数据索引

白细胞共同抗原	
Human	
CD45	16
B 细胞	
Human	
CD19	16
CD21	16
CD22	16
CD23	16
CD79a	16
CD79b	17
Mouse	
CD19	17
T 细胞	
Human	
CD3	17
CD4	17
CD5	17
CD8	18
CD28	18
CD29	18
Granzyme B	18
IL-7Ra/CD127	18
Rat	
CD4	18

NK 细胞	
Human	
CD56	19
CD107a / LAMP1	19
CD314/NKG2D	19
单核细胞	
Human	
CD11b	19
CD14	19
CD16	20
CD64	20
HLA-DR	20
Mouse	
CD11c	20
巨噬细胞	
Human	
CD11b	19
CD14	19
CD16	19
CD86	20
Mouse	
CD11c	20
F4/80	21
CD86	21

树突状细胞	
Human	
IL3RA/CD123	21
造血干细胞	
Human	
CD38	21
间充质干细胞	
Human	
CD29	18
CD90	21
内皮细胞	
Human	
ICAM-1/CD54	21
其他	
Human	
CD47	22
CD59	22
Fas/CD95	22
PD-1/CD279	22
Mouse	
IL-12/IL-23 p40	22

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

全球四大研发中心

- I 美国芝加哥研发生产中心
- II 美国圣地亚哥研发生产中心
- III 中国武汉研发生产中心
- IV 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：
严格执行 GMP 标准及
GMP 质量管理体系



重组流式抗体来自 Proteintech 自主知识产权平台 ABCE™

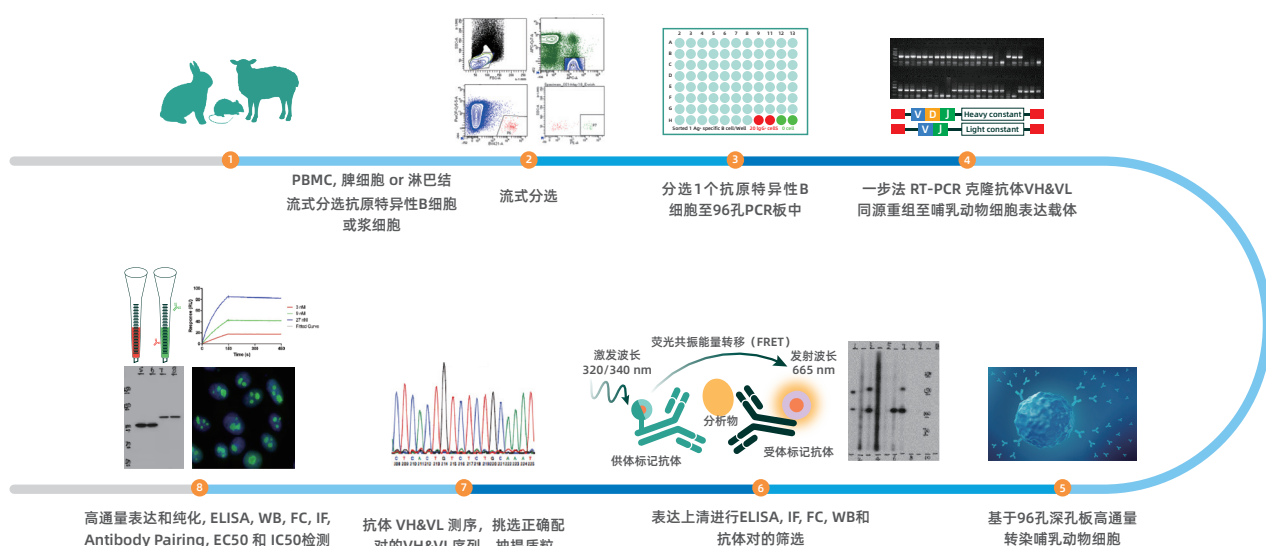
重组流式抗体是 Proteintech 最新一代抗体产品，基于 ABCE™（Antigen-Specific B-Cell Cloning & Engineering）单个 B 细胞抗体发现技术平台而开发。该平台通过将特异性 B 细胞中的抗体重链和轻链基因克隆至拥有自主产权的高表达哺乳动物细胞载体中，在体外实现重组单克隆抗体的稳定高表达。



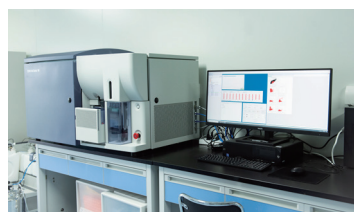
^{*1} 高通量表达上清初筛、高通量纯化抗体二次筛查、抗体上线前检测。

^{*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。



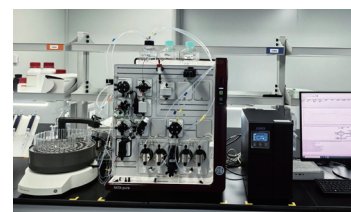
▲ABCE™单个B细胞抗体发现技术平台技术路线



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

全新克隆重组兔单克隆流式抗体

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

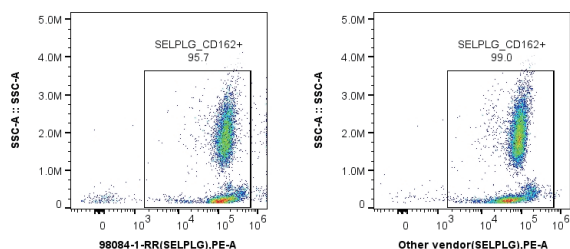
重组兔单克隆流式抗体优势：

- 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

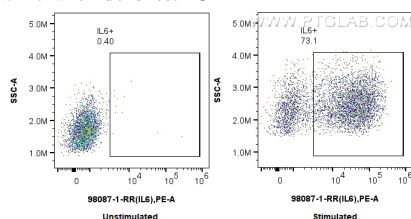
膜蛋白的特异性流式抗体可以帮助研究人员快速进行免疫细胞鉴定等研究。



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

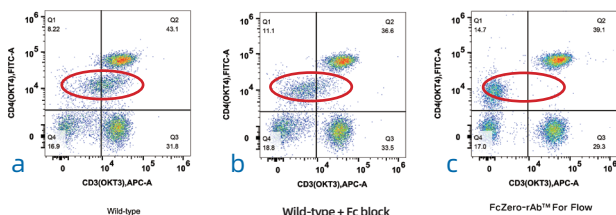
胞内蛋白的特异性流式抗体可以帮助研究人员快速进行免疫细胞功能分析等研究。



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

· Fc沉默重组流抗

Fc 效应沉默技术从根源上消除了由 Human/Mouse Fc 受体结合引起的非特异性背景信号，无需使用 Fc 受体封闭剂，有效简化操作，降低成本。

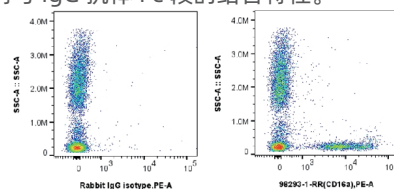


a. 常规 anti-CD3 及 anti-CD4 流抗染色，未添加 Fc 受体阻断试剂；
b. 常规 anti-CD3 及 anti-CD4 流抗染色，添加 Fc 受体阻断试剂；
c. 新型 FcZero-rAb® 系列 anti-CD3 及 anti-CD4 重组流抗染色，未添加 Fc 受体阻断试剂。

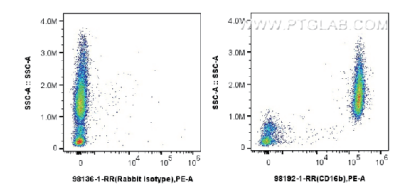
物种	检测靶点	重组流抗货号	克隆号
Human	CD3	APC-FcA65569	OKT3
Human	CD4	APC-FcA65603	OKT4

· 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。



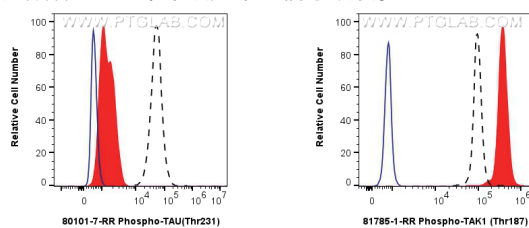
物种	检测靶点	重组流抗货号	克隆号
Human	CD16a	98293-1-RR	242426G11



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

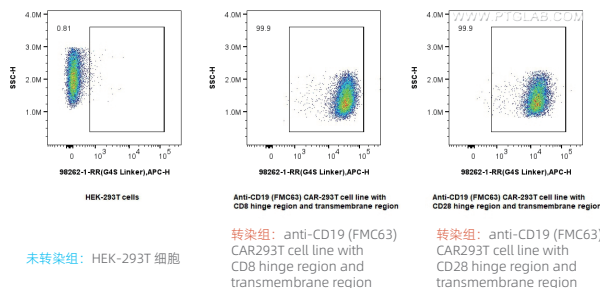
磷酸化蛋白的特异性流式抗体可以帮助研究人员快速、有效地测量单个细胞中的信号级联。



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。



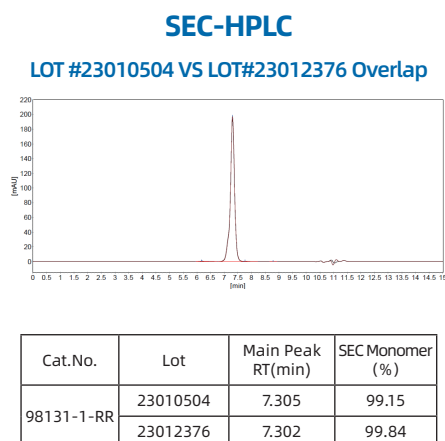
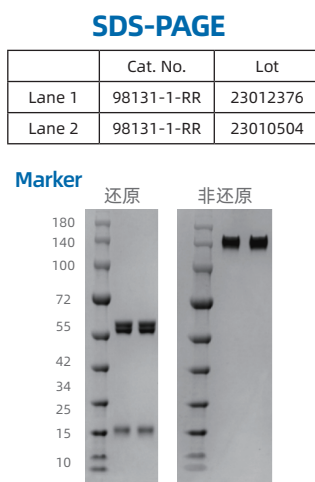
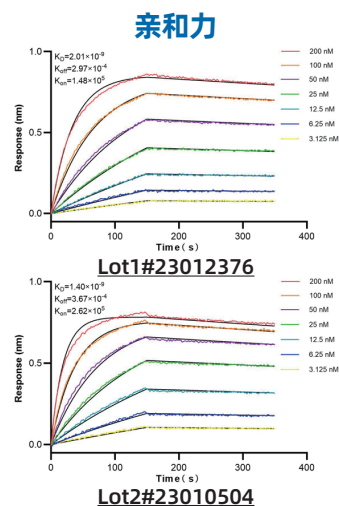
未转染组：HEK-293T 细胞

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

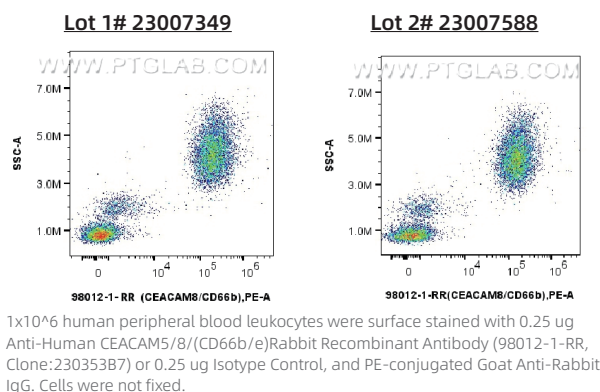
转染组：anti-CD19 (FMC63)
CAR293T cell line with
CD28 hinge region and
transmembrane region

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

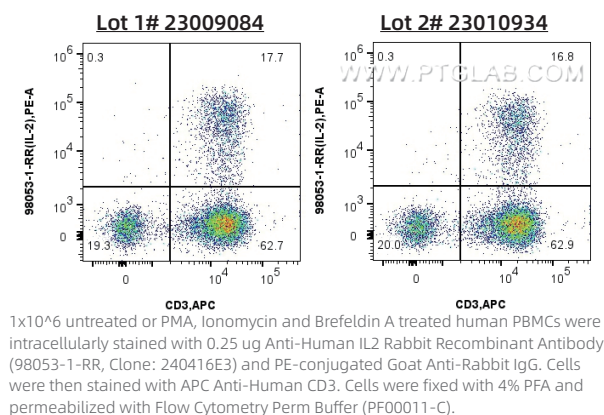
2. 批间稳定性高



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

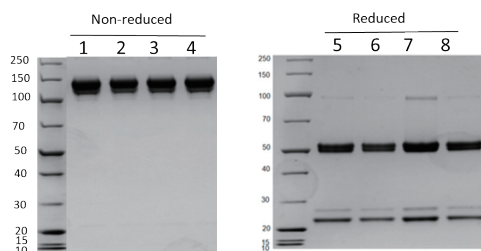
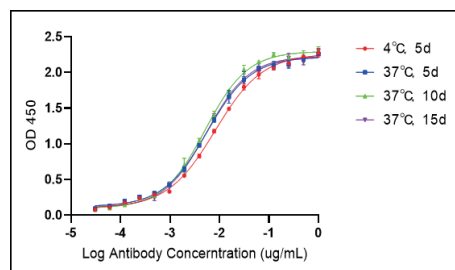


物种	检测靶点	重组流抗货号	克隆号
Human	CEACAM5/8/(CD66b/e)	98012-1-RR	230353B7



物种	检测靶点	重组流抗货号	克隆号
Human	IL2	98053-1-RR	240416E3

3. 热稳定性高



Lane 1/5: 4° 5 day
 Lane 2/6: 37° 5 day
 Lane 3/7: 37° 10 day
 Lane 4/8: 37° 15 day

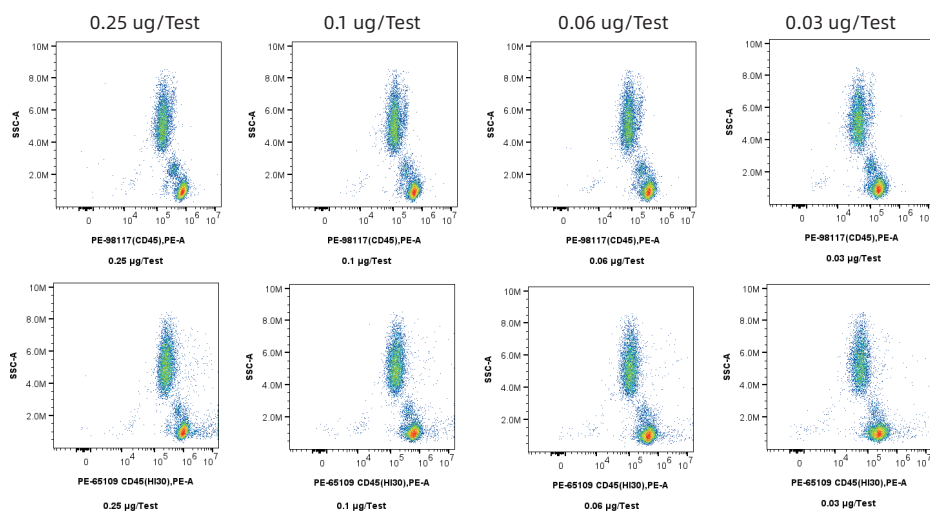
37°C, 15天后检测性能一致, 热稳定性高。

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

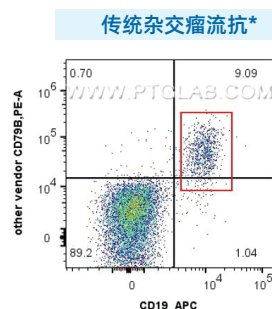
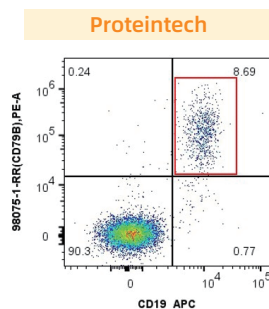
4. 效价高

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

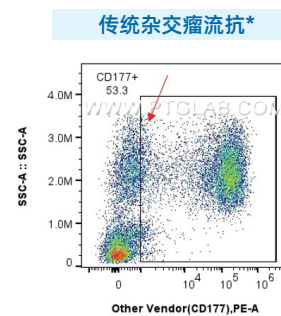
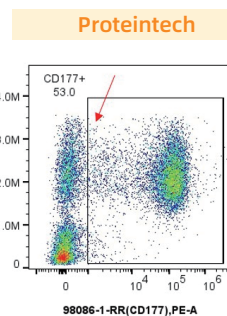
物种	检测靶点
Human	CD45
杂交瘤小鼠单抗货号	克隆号
PE-65109	HI30



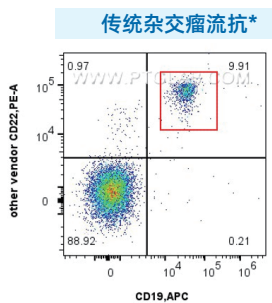
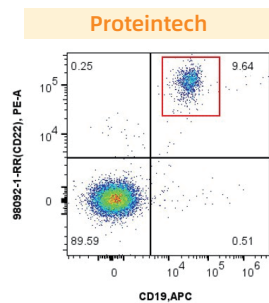
5. 性能优越



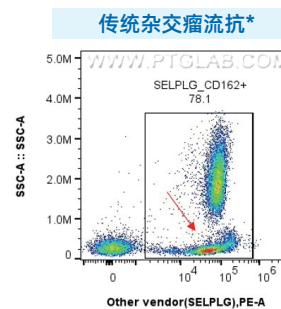
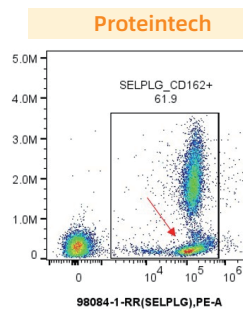
物种	检测靶点	重组流抗货号	克隆号
Human	CD79b	98075-1-RR	241273B7



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

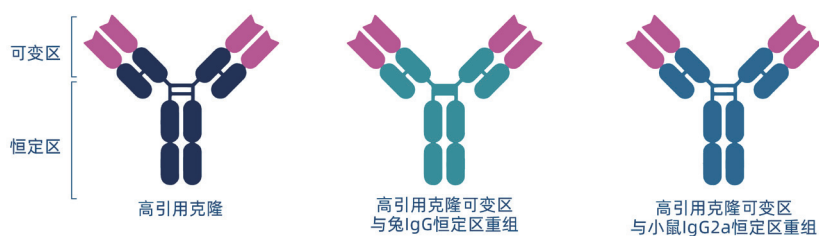
传统克隆重组流式抗体（传统杂交瘤流式抗体重组化）

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兔 IgG、小鼠 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



Human CD11b 65116-1-g
Clone: ICRF44
Isotype: Mouse/IgG1, kappa
Class: mouse Monoclonal



Human CD4 65134-1-g
Clone: OKT4
Isotype: Mouse/IgG2b, kappa
Class: mouse Monoclonal



Human CD3 65133-1-g
Clone: OKT3
Isotype: Mouse/IgG2a, kappa
Class: mouse Monoclonal

重组抗体

单一物种 / 单一亚型，同型对照组设置简单



Human CD11b 65582-1-MR
Clone: ICRF44
Isotype: Mouse/IgG2a
Class: Recombinant Monoclonal

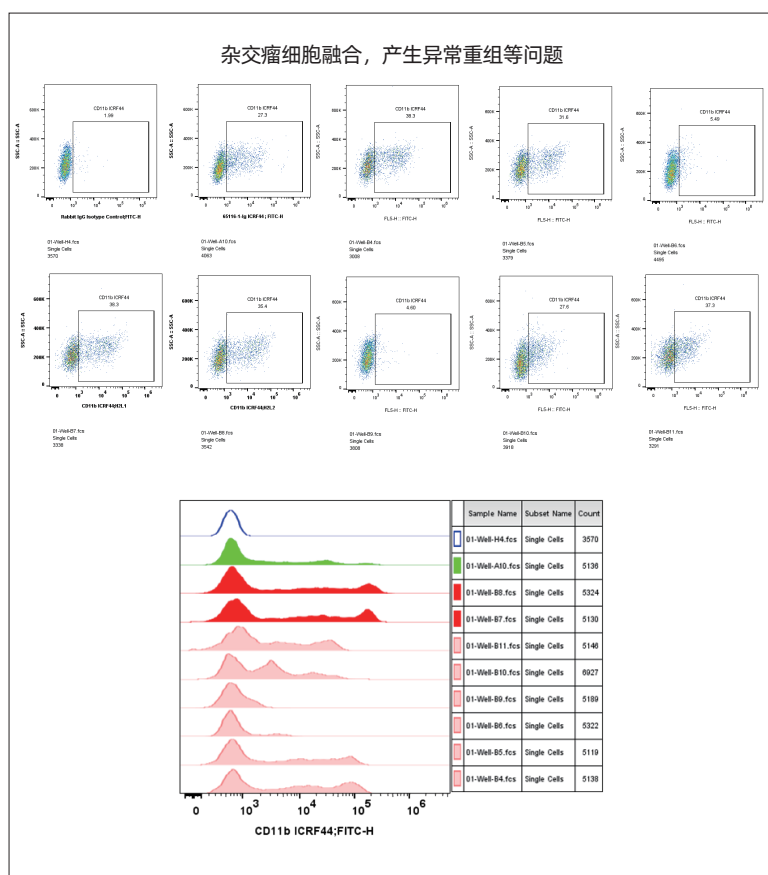


Human CD4 65603-1-MR
Clone: OKT4
Isotype: Mouse/IgG2a
Class: Recombinant Monoclonal



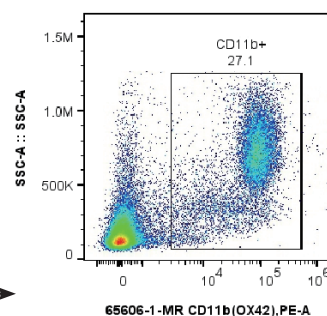
Human CD3 65569-1-MR
Clone: OKT3
Isotype: Mouse/IgG2a
Class: Recombinant Monoclonal

2. 重组化的抗体纯度高，特异性高

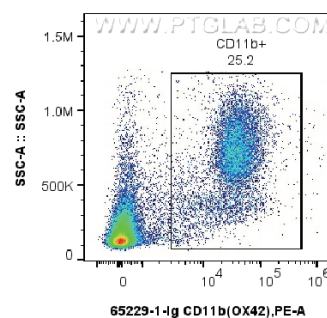


挑选最佳
VH/VL配对

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



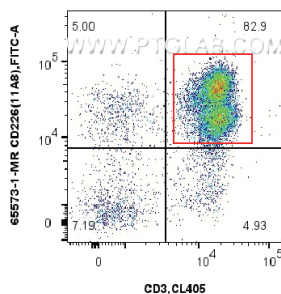
Anti-Rat CD11b Mouse IgG2a 杂交瘤单抗
货号: 65229-1-Ig 克隆号: OX42



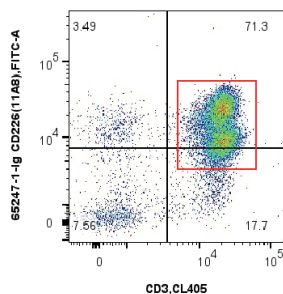
3. 重组化的流抗性能优越

Anti-Human CD226 (11A8)

重组化流抗
货号: 65573-1-MR

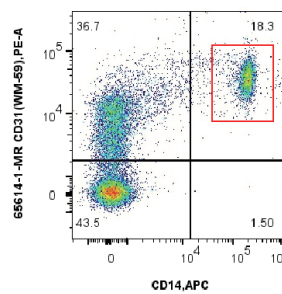


杂交瘤流抗
货号: 65247-1-Ig

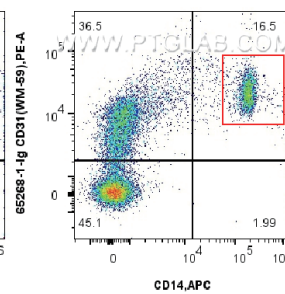


Anti-Human CD31 (WM-59)

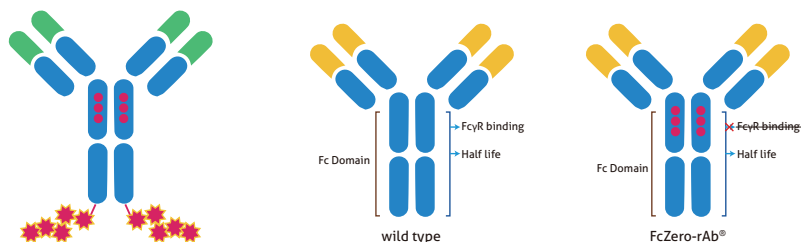
重组化流抗
货号: 65614-1-MR



杂交瘤流抗
货号: 65268-1-Ig



FcZero-rAb® 新型骨架重组流式抗体来自 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：

1. **完全消除 Fc 效应：**无需使用 FcR 封闭剂，减少非特异性背景的同时降低实验成本。
2. **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。
3. **仅需一种同型对照：**抗体骨架统一，大大降低实验难度及成本，同时也可根据客户需求，灵活定制不同的骨架。（如 Human IgG1, Mouse IgG2a）
4. **供应稳定：**重组技术，产能高，供应稳定。

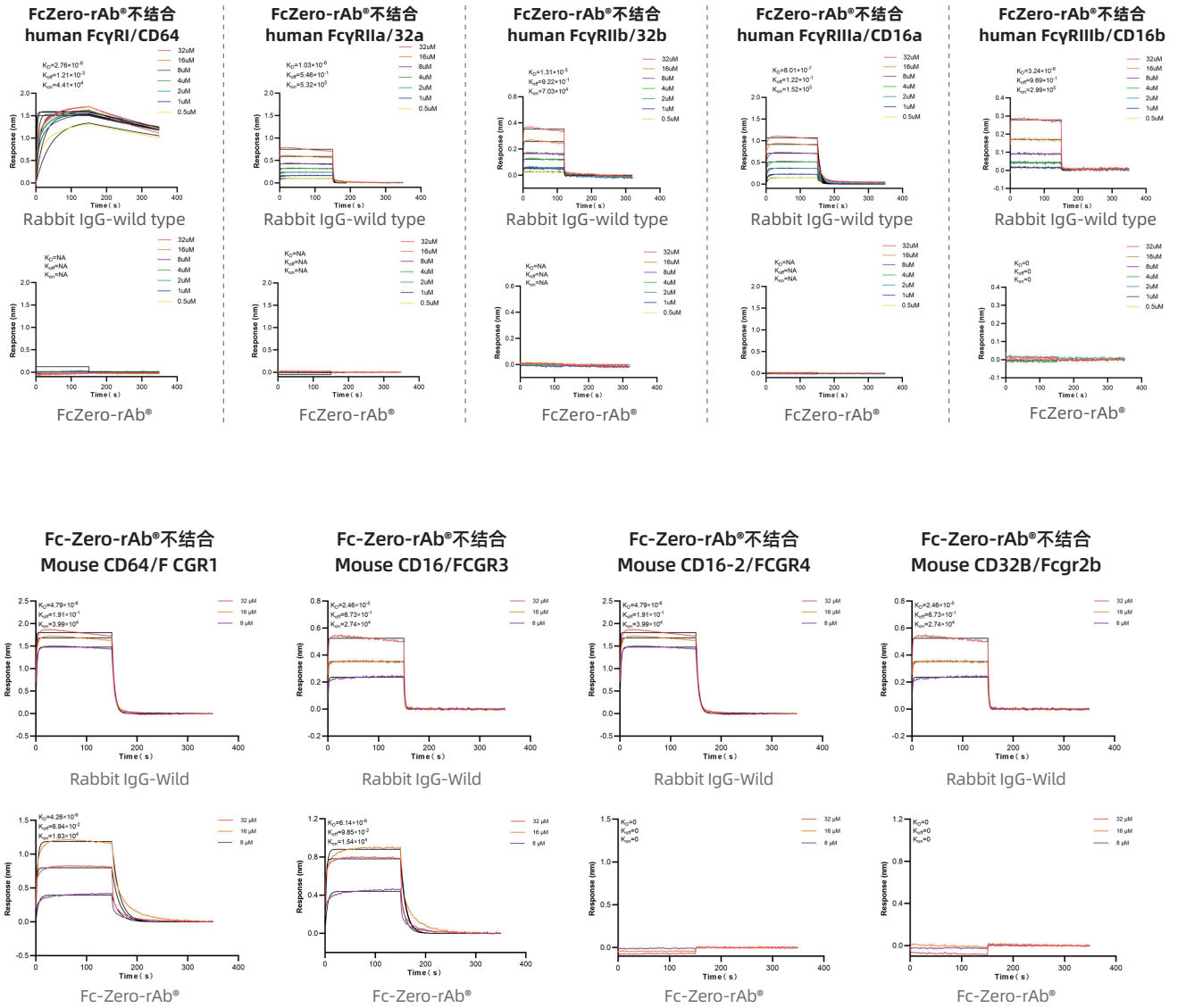
1. FcZero-rAb® 重组流抗完全消除了与人及小鼠 FcγR 结合

FcZero-rAb® 新型骨架流式抗体的核心在于 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

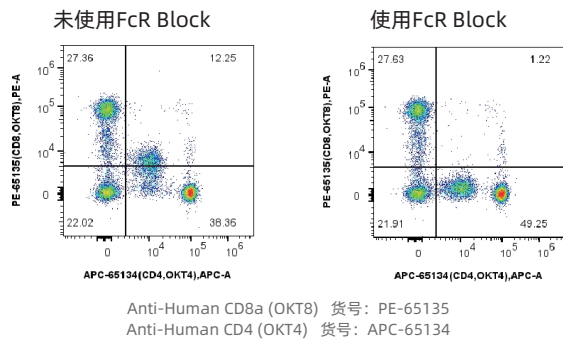
Human Fc 受体类型	Rabbit IgG-wild type	FcZero® 沉默抗体
	是否与其结合	是否与其结合
FcγRI/CD64	√	×
FcγRIIa/32a(167R)	√	×
FcγRIIa/32a(167H)	√	×
FcγRIIb/32b	√	×
FcγRIIIa/CD16a(176F)	√	×
FcγRIIIa/CD16a(176V)	√	×
FcγRIIIb/CD16b(NA1 allotype)	√	×
FcγRIIIb/CD16b(NA2 allotype)	√	×

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	√	×

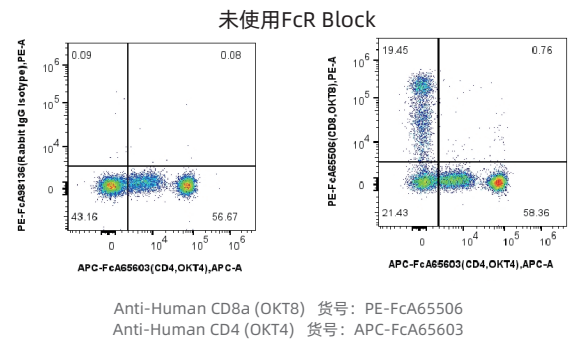


FcZero-rAb® 新型骨架重组流式抗体 Fc 沉默性能极佳

传统流式抗体



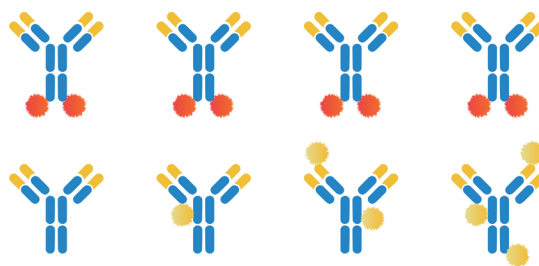
FcZero-rAb® 新型骨架重组流式抗体



2. FcZero-rAb® 定点定量标记

FcZero-rAb® 新型骨架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情况的重复性。

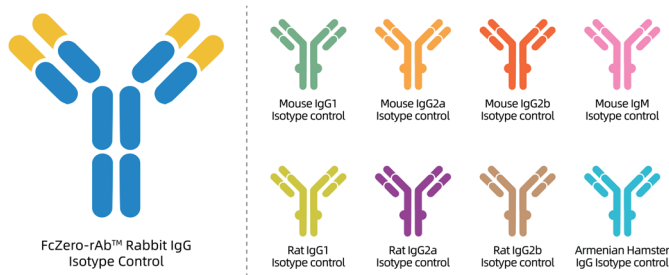
生物定点标记



化学随机标记

3. FcZero-rAb® 仅需一种同型对照

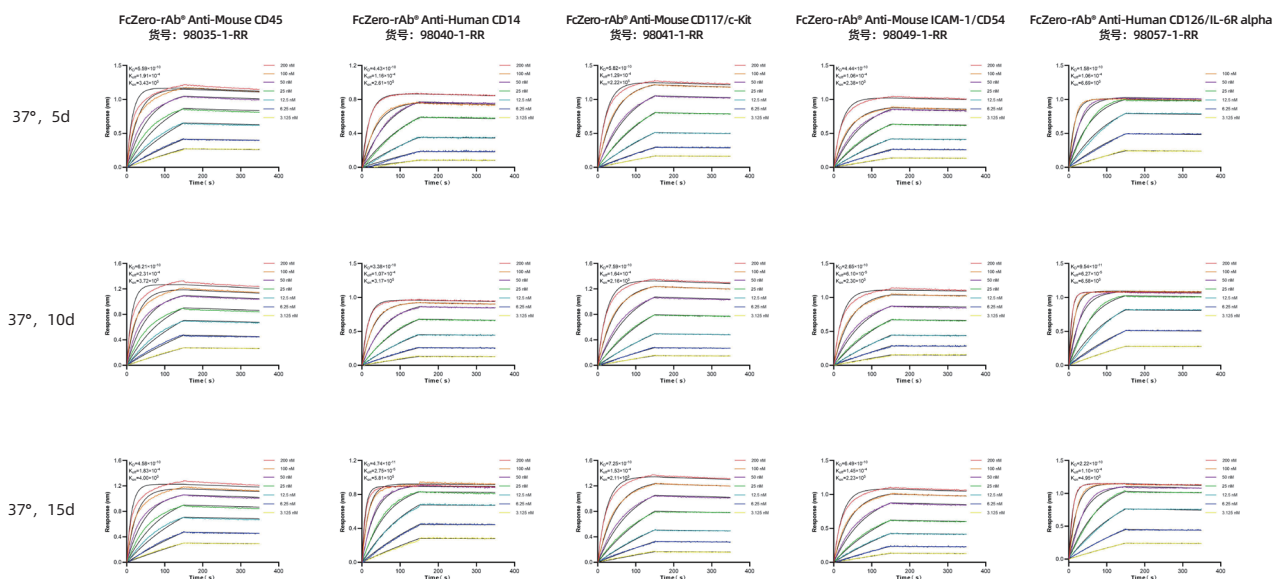
传统流式抗体即使来源于同一个物种，也可能有多个抗体亚型，比如小鼠 IgG1、IgG2a、IgG2b 和 IgGM（右图）；而 FcZero-rAb® 新型骨架流式抗体全系列采用了同一种新型抗体骨架，仅需一种同型对照即可（左图），不仅能够降低实验难度，还能有效节省成本。



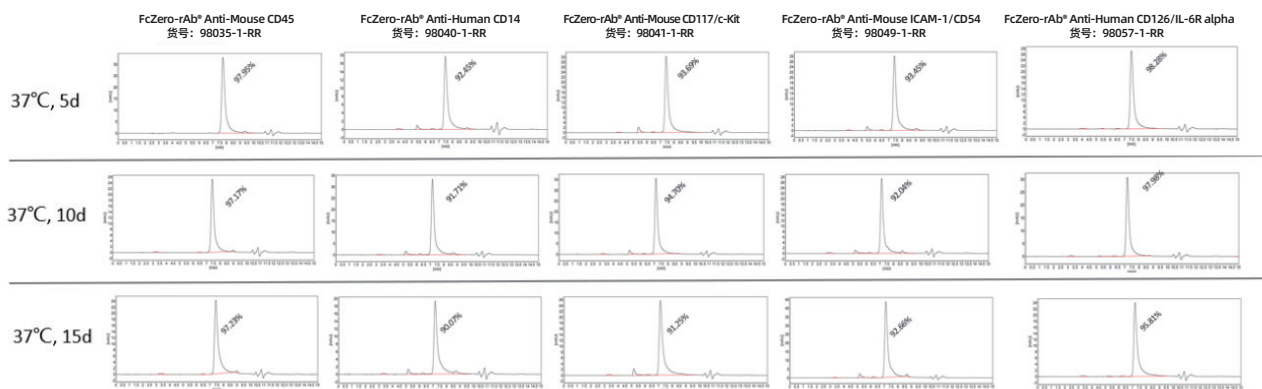
4. FcZero-rAb® 重组流抗热稳定性高

FcZero-rAb® 新型骨架重组流式抗体的全新骨架，经亲和力和测定、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。

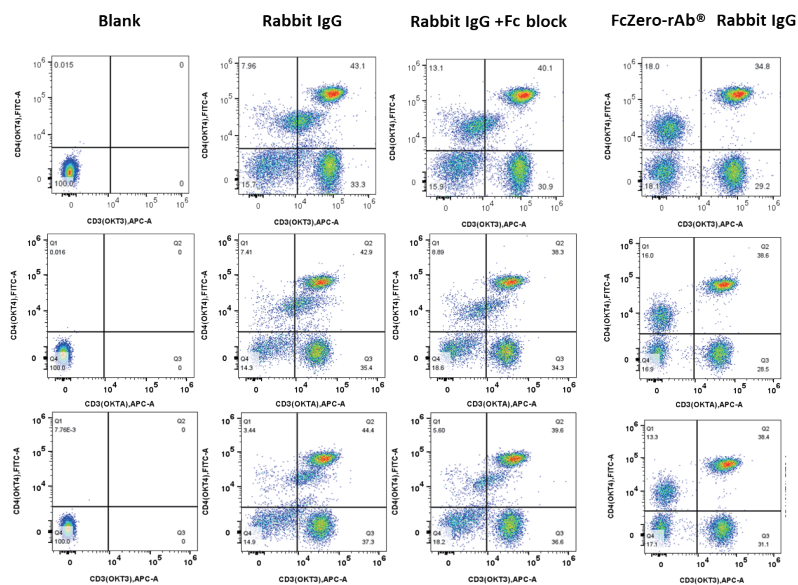
▼多循环亲和力和测定



▼ SEC-HPLC 检测

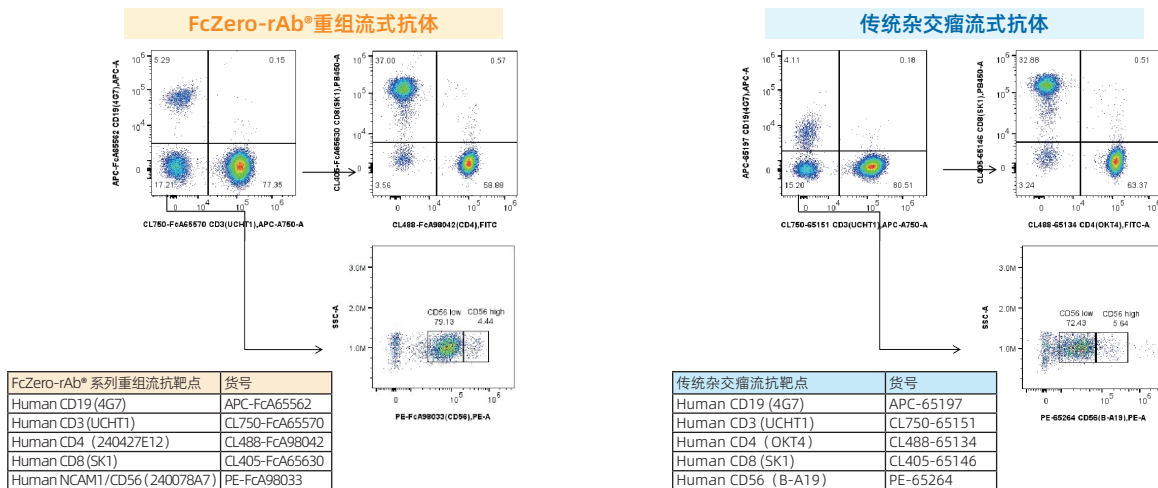


▼ 流式检测



5. FcZero-rAb® 重组流抗应用数据

▼ Human TBNK 细胞基础分析

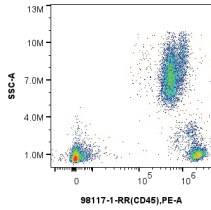


重组流式抗体应用对比数据

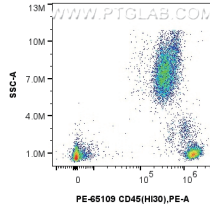
经充分测试，Proteintech 的 Uni-rAb™ 重组流式抗体与传统克隆相比具有相似或更优越的性能。

CD45 (白细胞共同抗原)

全新克隆重组流抗



传统杂交瘤流抗

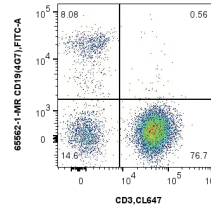


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD45 Rabbit Recombinant Antibody (98117-1-RR, Clone:241670E10) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD45 (Hi30) (PE-65109, Clone: Hi30) (right). Cells were incubated with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

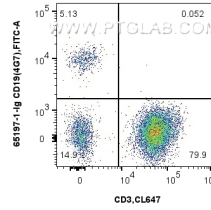
物种	检测靶点	重组流抗货号	克隆号
Human	CD45	98117-1-RR	241670E10

CD19 (B 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

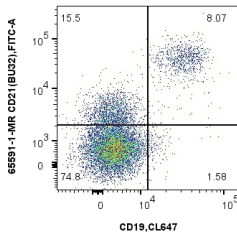


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD19 Mouse IgG2a Recombinant Antibody (65562-1-MR, Clone:4G7) (left) or 0.25 ug Anti-Human CD19 (65197-1-Ig, Clone: 4G7) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus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

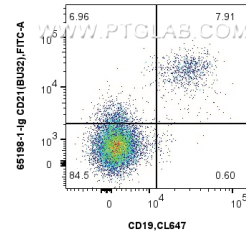
物种	检测靶点	重组流抗货号	克隆号
Human	CD19	65562-1-MR	4G7

CD21 (B 细胞)

全新克隆重组流抗



传统杂交瘤流抗

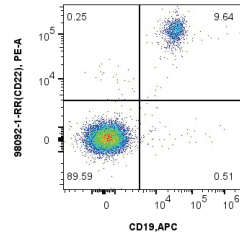


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD21 Mouse IgG2a Recombinant Antibody (65591-1-MR, Clone: BU32) (left) or 0.25 ug Anti-Human CD21 (65198-1-Ig, Clone: BU32) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus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

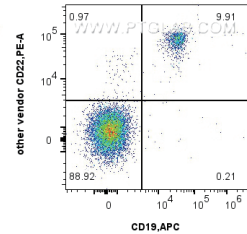
物种	检测靶点	重组流抗货号	克隆号
Human	CD21	65591-1-MR	BU32

CD22 (B 细胞)

全新克隆重组流抗



传统杂交瘤流抗*

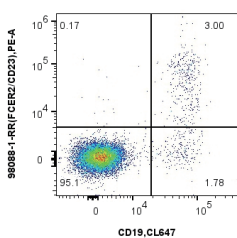


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD22 Rabbit Recombinant Antibody (98092-1-RR, Clone:241315A1) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD22 (right). Cells were co-stained with APC Anti-Human CD19. Cells were not fixed. Lymphocytes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

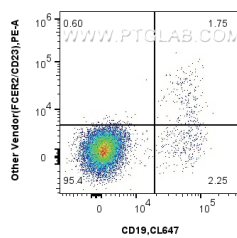
物种	检测靶点	重组流抗货号	克隆号
Human	CD22	98092-1-RR	241315A1

CD23 (B 细胞)

全新克隆重组流抗



传统杂交瘤流抗*

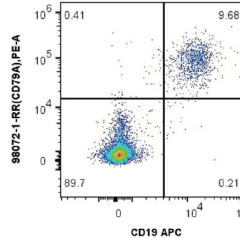


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD23 Rabbit Recombinant Antibody (98088-1-RR, Clone:241270C6) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD23 (right). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD19. Cells were not fixed.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

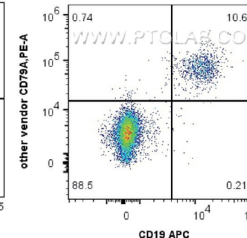
物种	检测靶点	重组流抗货号	克隆号
Human	CD23	98088-1-RR	241270C6

CD79a (B 细胞)

全新克隆重组流抗



传统杂交瘤流抗*



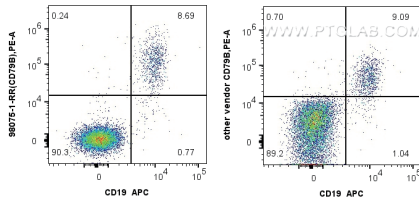
1x10⁶ human PBMCs were intracellularly stained 0.25 ug Anti-Human CD79a Rabbit Recombinant Antibody (98072-1-RR, Clone:241299F3) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(left) or 0.25 ug other vendor PE Anti-Human CD79a (right). Cells were co-stained with APC Anti-Human CD19. Cells were fixed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

全新克隆重组流抗

传统杂交瘤流抗*



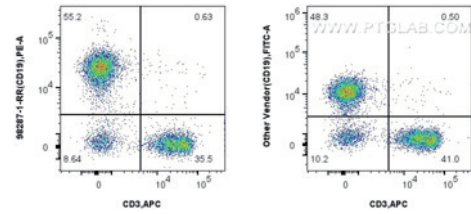
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD79b Rabbit Recombinant Antibody (98075-1-RR, Clone:241273B7) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD79b (right). Cells were co-stained with APC Anti-Human CD19. Cells were not fixed.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

全新克隆重组流抗

传统杂交瘤流抗*



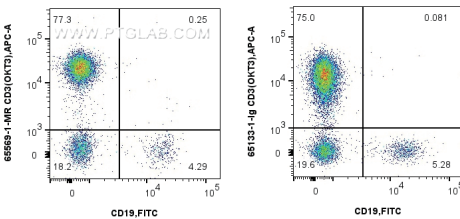
1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD19 Rabbit RecAb (98287-1-RR, Clone: 242301C6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

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

CD3 (T 细胞)

传统克隆重组化流抗

传统杂交瘤流抗

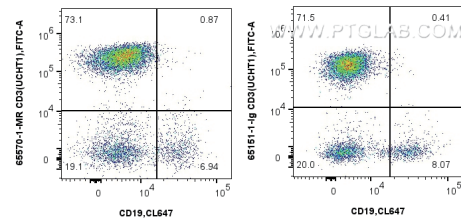


1x10⁶ human PBMCs were surface stained with 0.5 ug Anti-Human CD3 (OKT3) Mouse Recombinant Antibody (65569-1-MR, Clone: OKT3) (left) or 0.5 ug Anti-Human CD3 (OKT3) (65133-1-Ig, Clone: OKT3) (right) and CoraLite647-conjugated AffiniPure F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L). Cells were co-stained 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

传统克隆重组化流抗

传统杂交瘤流抗



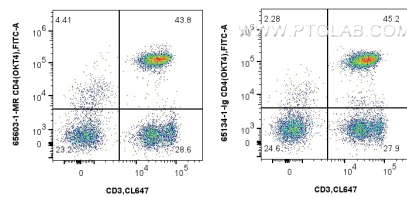
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD3 Mouse IgG2a Recombinant Antibody (65570-1-MR, Clone:UCHT1) (left) or 0.25 ug Anti-Human CD3 (65151-1-Ig, Clone: UCHT1) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 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

CD4 (T 细胞)

传统克隆重组化流抗

传统杂交瘤流抗



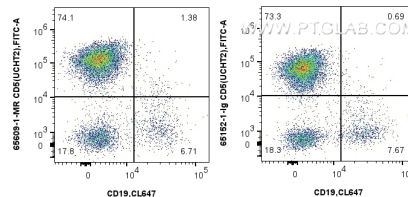
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD4 Mouse IgG2a Recombinant Antibody (65603-1-MR, Clone: OKT4) (left) or 0.25 ug Anti-Human CD4 (65134-1-Ig, Clone: OKT4) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 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

CD5 (T 细胞)

传统克隆重组化流抗

传统杂交瘤流抗



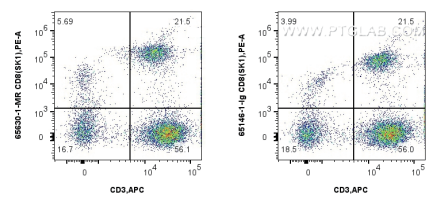
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD5 Mouse IgG2a Recombinant Antibody (65609-1-MR, Clone:UCHT2) (left) or 0.25 ug Anti-Human CD5 (65152-1-Ig, Clone: UCHT2) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 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	CD56	65609-1-MR	UCHT2

CD8 (T 细胞)

传统克隆重组化流抗

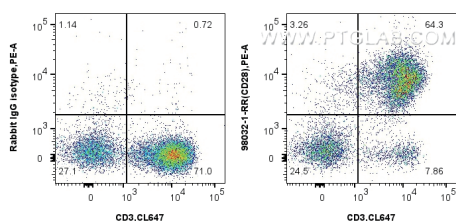
传统杂交瘤流抗



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

CD28 (T 细胞)

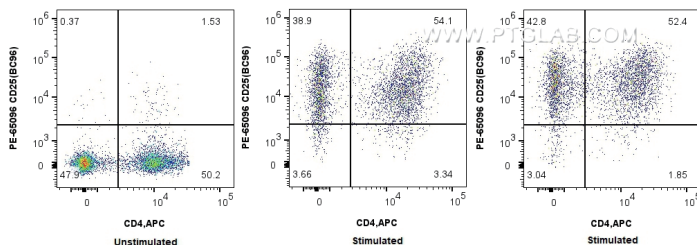


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD28 Rabbit Recombinant Antibody (98032-1-RR, Clone: 240354D2) or isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were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

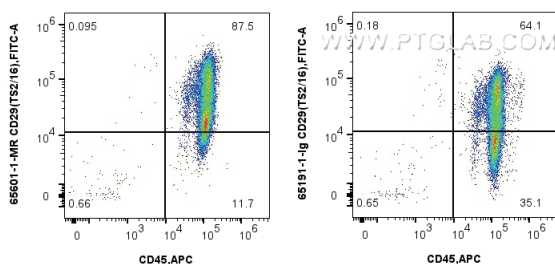


T cell activation efficacy was assessed by surface stained of human PBMCs with PE Anti-Human CD25. Cells were untreated (left) or treated with Anti-Human CD3 and Anti-Human CD28 Rabbit Recombinant Antibody (98032-1-RR, Clone: 240354D2) (mid) or Anti-Human CD28 (CD28.2) (65099-1-Ig, Clone: CD28.2) (right).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

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



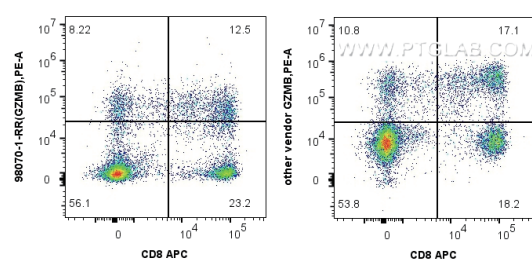
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD29 Mouse IgG2a Recombinant Antibody (65601-1-MR, Clone: TS2/16) (left) or 0.25 ug Anti-Human CD29 (TS2/16) (65191-1-Ig, Clone: TS2/16) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with 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*



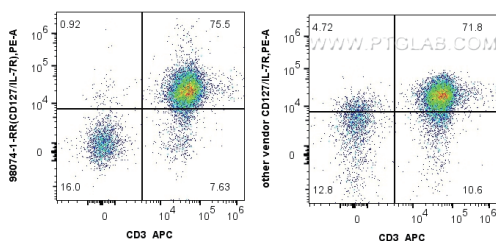
1x10⁶ human PBMCs were intracellularly stained with 0.25 ug Anti-Human Granzyme B Rabbit Recombinant Antibody (98070-1-RR, Clone: 240761G4) or isotype control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG. Cells were co-stained with APC Anti-Human CD8a. Cells were fixed with 4% PFA and permeabilized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



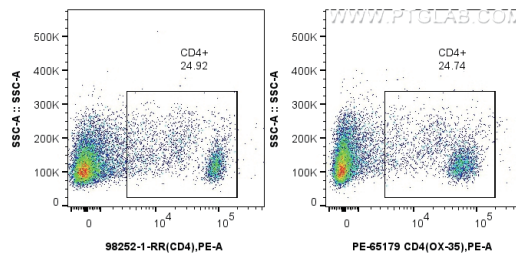
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody (98074-1-RR, Clone: 240749H2) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human IL-7Ra/CD127 (right). Cells were co-stained with APC Anti-Human CD3. Cells 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

CD4 (T 细胞)

全新克隆重组流抗

传统杂交瘤流抗

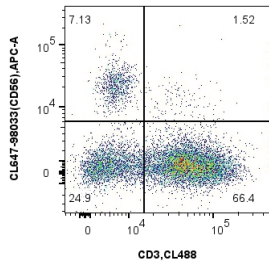


1x10⁶ rat splenocytes cells were surface stained with 0.25 ug Anti-Rat CD4 Rabbit RecAb (98252-1-RR, Clone: 241955C11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L)(left), or 0.25 ug PE Anti-Rat CD4 (OX-35) (Clone: OX-35)(right). Cells were not fixed.

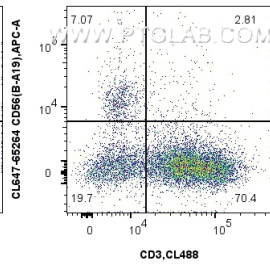
物种	检测靶点	重组流抗货号	克隆号
Rat	CD4	98252-1-RR	241955C11

CD56 (NK 细胞)

全新克隆重组流抗



传统杂交瘤流抗



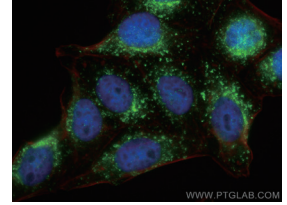
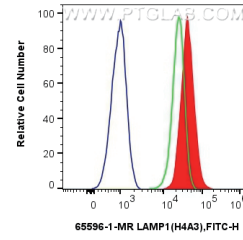
1x10⁶ human peripheral blood leukocytes were surface stained with CoraLite® Plus 488 Anti-Human CD3 and 5 ul CoraLite® Plus 647 Anti-Human CD56 Rabbit Recombinant Antibody (CL647-98033, Clone:240078A7) (left) or CoraLite® Plus 647 Anti-Human CD56 (B-A19) (CL647-65264, Clone: B-A19) (right). Cells were 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

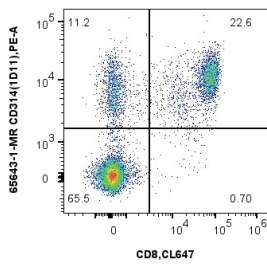


1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug Anti-Human CD107a / LAMP1 (H4A3) Mouse IgG2a Recombinant Antibody (65596-1-MR, Clone:H4A3) (red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue) or 0.25 ug Anti-Human CD107a / LAMP1 (H4A3) (65051-1-Ig, Clone: H4A3) (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.

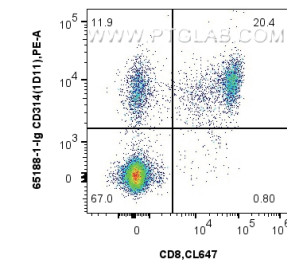
物种	检测靶点	重组流抗货号	克隆号
Human	CD107a / LAMP1	65596-1-MR	H4A3

CD314/NKG2D (NK 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

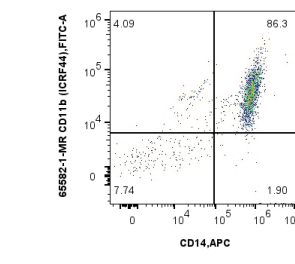


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD314 / NKG2D (D111) Mouse IgG2a Recombinant Antibody (65643-1-MR, Clone:D111) (left) or 0.25 ug Anti-Human CD314/NKG2D (D111) (65188-1-Ig, Clone: D111) (right) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with CoraLite® Plus 647 Anti-Human CD8. Cells were not fixed. Lymphocytes were gated.

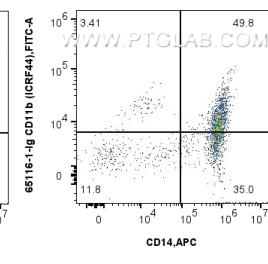
物种	检测靶点	重组流抗货号	克隆号
Human	CD314/NKG2D	65643-1-MR	D111

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

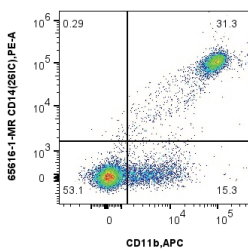


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD11b Mouse IgG2a Recombinant Antibody (65582-1-MR, Clone:ICRF44)(left) or 0.25 ug Anti-Human CD11b (65116-1-Ig, Clone: ICRF44) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained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

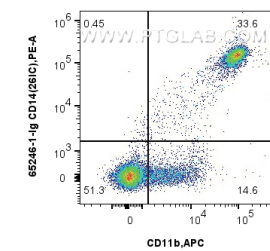
物种	检测靶点	重组流抗货号	克隆号
Human	CD11b	65582-1-MR	ICRF44

CD14 (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



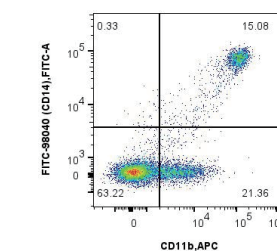
传统杂交瘤流抗



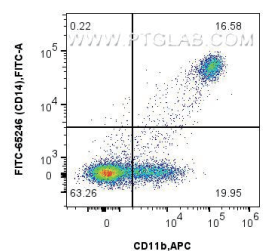
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD14 (26IC) Mouse IgG2a Recombinant Antibody (65616-1-MR, Clone:26IC) or 0.25 ug Anti-Human CD14 (26IC) (65246-1-Ig, Clone: 26IC) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with APC Anti-Human CD11b. Cells were incubated 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

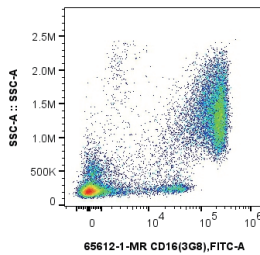


1x10⁶ human PBMCs were surface stained with APC Anti-Human CD11b (ICRF44) (APC-65116, Clone: ICRF44) and 5 ul FITC Plus Anti-Human CD14 Rabbit RecAb (FITC-98040, Clone:230332D7)(left), or 5 ul FITC Plus Anti-Human CD14 (26IC) (FITC-65246, Clone: 26IC)(right). Cells were incubated with FC Receptor Block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

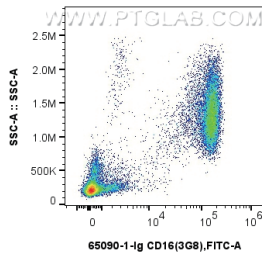
物种	检测靶点	重组流抗货号	克隆号
Human	CD14	FITC-98040	230332D7

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

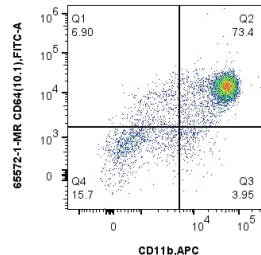


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD16 Mouse IgG2a Recombinant Antibody (65612-1-MR, Clone: 3G8) (left) or 0.25 ug Anti-Human CD16 (65090-1-Ig, Clone: 3G8) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L) (right). Cells were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

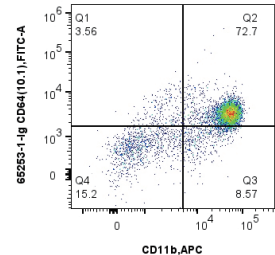
物种	检测靶点	重组流抗货号	克隆号
Human	CD16	65612-1-MR	3G8

CD64 (单核细胞)

传统克隆重组化流抗



传统杂交瘤流抗

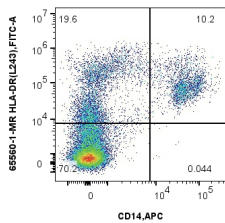


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD64 Mouse IgG2a Recombinant Antibody (65572-1-MR, Clone: 10.1) (left) or 0.25 ug Anti-Human CD64 (65253-1-Ig, Clone: 10.1) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human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

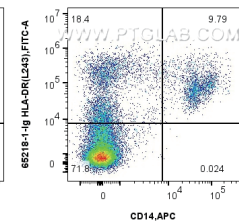
物种	检测靶点	重组流抗货号	克隆号
Human	CD64	65572-1-MR	10.1

HLA-DR (单核细胞)

传统克隆重组化流抗



传统杂交瘤流抗

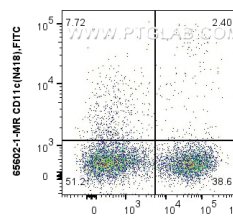


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human HLA-DR Mouse IgG2a Recombinant Antibody (65560-1-MR, Clone: L243) (left) or 0.25 ug Anti-Human HLA-DR (65218-1-Ig, Clone: L243) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human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

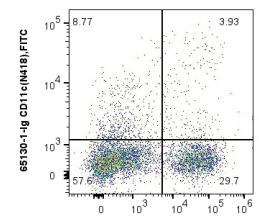
物种	检测靶点	重组流抗货号	克隆号
Human	HLA-DR	65560-1-MR	L243

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

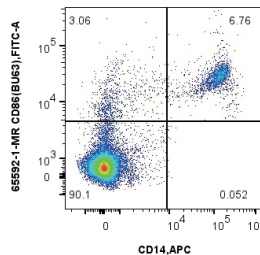


1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD11c (N418) Mouse IgG2a Recombinant Antibody (65602-1-MR, Clone: N418) and FITC anti-Mouse IgG2a Antibody (left) or 0.25 ug Anti-Mouse CD11c (N418) (65130-1-Ig, Clone: N418) and FITC anti-Armian Hamster IgG Antibody (right). Cells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

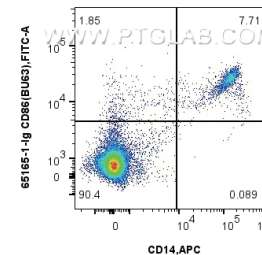
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD11c	65602-1-MR	N418

CD86 (巨噬细胞)

传统克隆重组化流抗



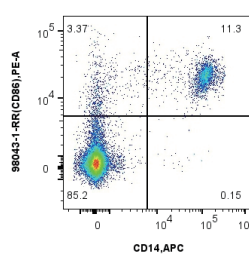
传统杂交瘤流抗



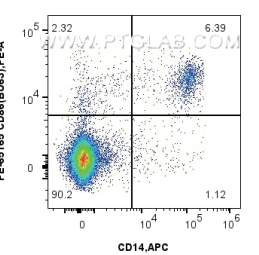
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD86 Mouse IgG2a Recombinant Antibody (65592-1-MR, Clone: BU63) (left) or 0.25 ug Anti-Human CD86 (65165-1-Ig, Clone: BU63) (right) and CoraLite[®]488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human 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

全新克隆重组化流抗



传统杂交瘤流抗

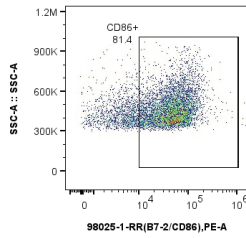


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD86 Rabbit Recombinant Antibody (98043-1-RR, Clone: 240429C6) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD86 (PE-65156, clone: BU63) (right). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

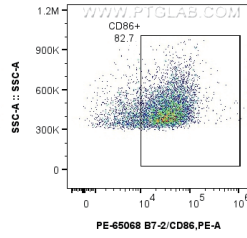
物种	检测靶点	重组流抗货号	克隆号
Human	CD86	98043-1-RR	240429C6

CD86（单核细胞 / 巨噬细胞）

全新克隆重组流抗



传统杂交瘤流抗

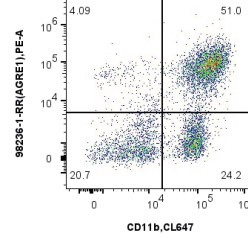


1x10⁶ LPS treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD86 Rabbit Recombinant Antibody (98025-1-RR, Clone: 230476B8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left), or 0.25 ug PE Anti-Mouse CD86 (GL1) (PE-65068, Clone: GL1)(right). Cells were not fixed.

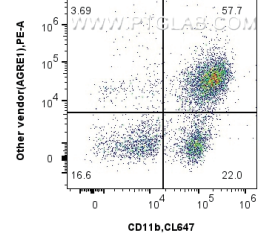
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD86	98025-1-RR	230476B8

F4/80（巨噬细胞）

全新克隆重组流抗



传统杂交瘤流抗*

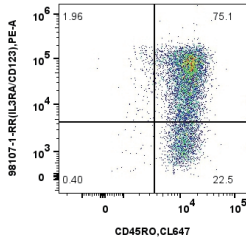


1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse AGRE1(F4/80) Rabbit Recombinant Antibody (98236-1-RR, Clone: 241959G4) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Mouse AGRE1(F4/80) (right). Cells were co-stained with CoraLite® Plus 647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

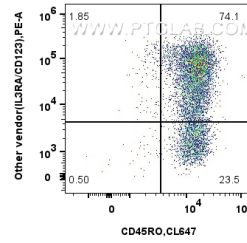
物种	检测靶点	重组流抗货号	克隆号
Mouse	F4/80	98236-1-RR	241959G4

IL3RA/CD123（树突状细胞）

全新克隆重组流抗



传统杂交瘤流抗*

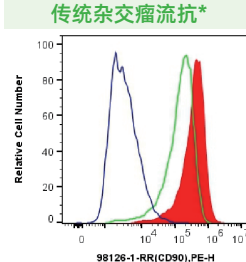


1x10⁶ human immature monocyte-derived dendritic cells were surface stained with 0.25 ug Anti-Human IL3RA/CD123 Rabbit Recombinant Antibody (98107-1-RR, Clone: 241268E3) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human IL3RA/CD123 (right). Cells were co-stained with CoraLite®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

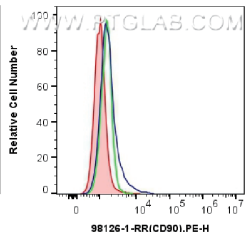
物种	检测靶点	重组流抗货号	克隆号
Human	IL3RA/CD123	98107-1-RR	241268E3

CD90（间充质干细胞）

全新克隆重组流抗



传统杂交瘤流抗*

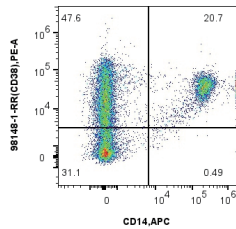


1x10⁶ Hel 92.1.7 cells (left) or K562 cells (right) were surface stained with 0.25 ug Anti-Human CD90 Rabbit Recombinant Antibody (98126-1-RR, Clone: 241290B2) (red) or isotype control (blue) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG, or 0.25 ug other vendor PE Anti-Human CD90 (green). Cells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

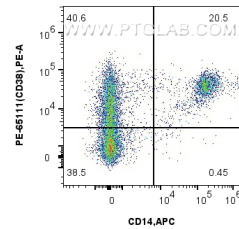
物种	检测靶点	重组流抗货号	克隆号
Human	CD90	98126-1-RR	241290B2

CD38（造血干细胞）

全新克隆重组流抗



传统杂交瘤流抗

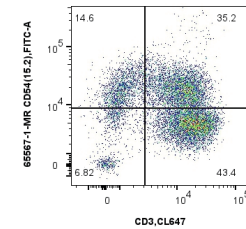


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD38 Rabbit Recombinant Antibody (98148-1-RR, Clone: 241246F9) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD38 (HIT2) (PE-65111, Clone: HIT2) (right). Cells were co-stained with APC Anti-Human CD14. Cells were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

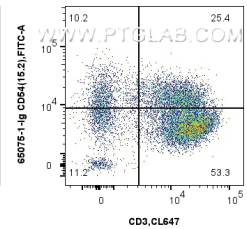
物种	检测靶点	重组流抗货号	克隆号
Human	CD38	98148-1-RR	241246F9

ICAM-1/CD54（内皮细胞）

传统克隆重组化流抗



传统杂交瘤流抗

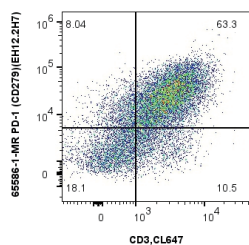


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD54 Mouse IgG2a Recombinant Antibody (65567-1-MR, Clone: 15.2) (left) or 0.25 ug Anti-Human CD54 (ICAM-1) (65075-1-Ig, Clone: 15.2) (right) and CoraLite® 488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite®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

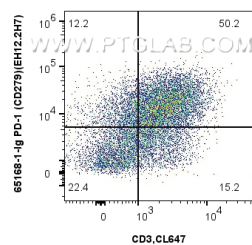
物种	检测靶点	重组流抗货号	克隆号
Human	ICAM-1/CD54	65567-1-MR	15.2

PD-1/CD279 (其他)

传统克隆重组化流抗



传统杂交瘤流抗

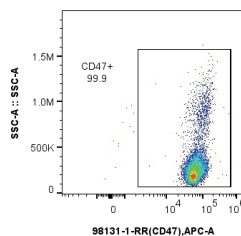


1x10⁶ PHA stimulated human PBMCs were surface stained with 0.25 ug Anti-Human PD-1 (CD279) Mouse IgG2a Recombinant Antibody (65586-1-MR, Clone: EH12.2H7) (left) or 0.25 ug Anti-Human PD-1/CD279 (65168-1-Ig, Clone: EH12.2H7) (right) and CoraLite[®] Plus 647 Anti-Human CD3. Cells were co-stained with CoraLite[®]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

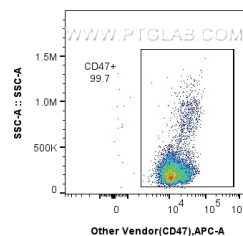
物种	检测靶点	重组流抗货号	克隆号
Human	PD-1/CD279	65586-1-MR	EH12.2H7

CD47 (其他)

全新克隆重组流抗



传统杂交瘤流抗*

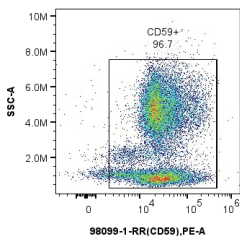


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD47 Rabbit Recombinant Antibody (98131-1-RR, Clone: 240997D8) and CoraLite[®] Plus 647 Goat Anti-Rabbit Recombinant Secondary Antibody (left) or 0.25 ug other vendor Alexa Fluor[®] 647 Anti-Human CD47 (right). Cells were incubated with FC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

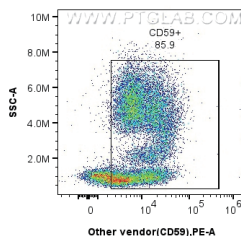
物种	检测靶点	重组流抗货号	克隆号
Human	CD47	98131-1-RR	240997D8

CD59 (其他)

全新克隆重组流抗



传统杂交瘤流抗*

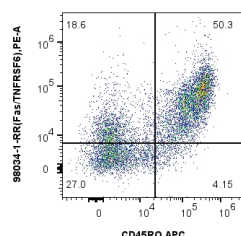


1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD59 Rabbit Recombinant Antibody (98099-1-RR, Clone: 241311A4) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD59 (right). Cells were incubated with FC Receptor Block prior to staining.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

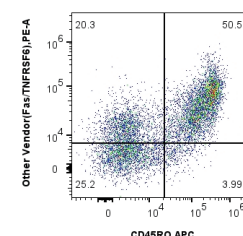
物种	检测靶点	重组流抗货号	克隆号
Human	CD59	98099-1-RR	241311A4

Fas/CD95 (其他)

全新克隆重组流抗



传统杂交瘤流抗*

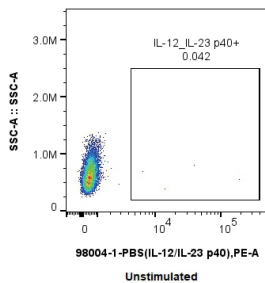


1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Fas/CD95 Rabbit Recombinant Antibody (98034-1-RR, Clone: 240340E11) and PE-conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug other vendor PE Anti-Human Fas/CD95. Cells were co-stained with APC Anti-Human CD45RO. Cells were not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

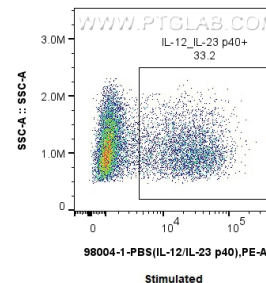
物种	检测靶点	重组流抗货号	克隆号
Human	Fas/CD95	98034-1-RR	240340E11

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

Proteintech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	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	++
	● 667/30	PE-Cy5	PE-Cyanine 5	++
		PerCP	PerCP	++
	● 695/40	PE-Cy5.5	PE-Cyanine 5.5	++
		PerCP-Cy5.5	PerCP-Cyanine5.5	++
	● 780/60	PE-Cy7	PE-Cyanine7	+++
Yellow 561 nm	● 586/20	PE	PE	+++++
	● 615/20	PE-Texas Red	CoraLite® 594	+++
	● 667/30	PE-Cy5	PE-Cyanine 5	++++
	● 695/40	PE-Cy5.5	PE-Cyanine 5.5	++++
	● 780/60	PE-Cy7	PE-Cyanine7	++++
	● 667/30	APC	CoraLite® plus 647	++++
			APC	++++
	● 725/40	Alexa Fluor 700	CoraLite® 700	++
Red 637 nm	● 780/60	APC-Cy7	CoraLite® Plus 750	++
			APC-Cyanine7	+++

CoraLite®系列是Proteintech公司自有的荧光染料。它具有良好的光稳定性、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 在固定和通透过程中，甲醛或甲醇等试剂会导致蛋白荧光团（如PE和APC）以及包含蛋白荧光的复合染料失去部分或全部荧光。而FITC和CoraLite®染料等小分子荧光团可与这样的试剂兼容不受影响。

甲醛/甲醇等试剂使用前后均可适用的荧光染料如下：

◆ CoraLite® dyes ◆ CoraLite® Plus dyes ◆ FITC Plus等

仅在甲醛/甲醇等试剂后使用的荧光染料如下：

◆ APC、APC-Cy7、APC-AF750 ◆ PE、PE-Cy5、PE-Cy7 ◆ PerCP、PerCP-Cy5.5等

Proteintech推荐使用我们的Spectra Viewer设计和规划您的实验

路径：

Proteintech中文官网ptgcn.com / 产品中心 / 流式抗体 / 光谱查看器



扫码了解流式细胞术中荧光补偿调节和圈门策略



流式细胞实验辅助试剂

1. 死活细胞鉴定染料

在流式细胞术实验过程中，死细胞容易摄取抗体导致明显的非特异性染色，而且死细胞比活细胞有更强的自发荧光从而会导致背景荧光增强，难以识别罕见细胞群和弱阳性指标。同时，死细胞中释放的核酸物质也会导致细胞成团，影响结果，堵塞管路。因此通常会使用死活细胞鉴定染料区分死活细胞。

Proteintech 死活细胞鉴定染料

激光(nm)	死活细胞染料产品名称	货号	激光(nm)	死活细胞染料产品名称	货号
488/561	7-AAD死活细胞鉴定染料	PD00101	405	Phantom Dye Violet 450 死活细胞鉴定染料	PD00004
633-647	Phantom Dye Red 710 死活细胞鉴定染料	PD00001	405	Phantom Dye Violet 510 死活细胞鉴定染料	PD00005
633	Phantom Dye Red 780 死活细胞鉴定染料	PD00002	405	Phantom Dye Violet 540 死活细胞鉴定染料	PD00006
			488	Phantom Dye Blue 516 死活细胞鉴定染料	PD00007

2. 样本制备试剂

Proteintech 提供一系列流式细胞术实验样本制备相关辅助试剂。

应用	产品名称	货号	应用	产品名称	货号
红细胞裂解液	红细胞裂解液（无菌）	PR30017	固定和通透	流式细胞固定液	PF00016
	红细胞裂解液（10X）	PF00014		流式细胞通透剂	PF00017
	红细胞裂解液（1X）	PF00015		流式检测磷酸化蛋白固定通透试剂盒	PF00026
小分子化合物（刺激样本）	PMA（CAS：16561-29-8）	CM00437	Fc受体封闭抗体	Anti-Mouse CD16/32 (93)	65057-1-Ig
	Brefeldin A（CAS：20350-15-6）	CM03062		Anti-Mouse CD16/32 (2.4G2)	65080-1-Ig
	Ionomycin（CAS：56092-81-0）	CM06928			
	Monensin sodium salt（CAS：22373-78-0）	CM00375			

3. 链霉亲和素偶联物

Proteintech 的链霉亲和素偶联物是荧光标记物和链霉亲和素通过共价键结合的偶联产物，可与 Biotin 标记的蛋白联用进行各种免疫荧光信号检测。

产品名称	货号	产品名称	货号
R-藻红蛋白-链霉亲和素偶联物	PF00021	CoraLite® Plus 488 链霉亲和素偶联物	PF00023
别藻蓝蛋白-链霉亲和素偶联物	PF00022	CoraLite® 594 链霉亲和素偶联物	PF00024
CoraLite® Plus 405 链霉亲和素偶联物	PF00028	CoraLite® Plus 647 链霉亲和素偶联物	PF00025

4. 细胞活性检测试剂盒

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
细胞凋亡检测	CoraLite® Plus 488-Annexin V 和 PI 细胞凋亡检测试剂盒	PF00005
	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

Human				
类别	靶标名称	克隆	裸抗货号	抗体类型
白细胞共同抗原	CD45	241670E10	FC98117 98117-1-RR	FcZero-rAb* 重组兔单抗
		HI30	65109-1-Ig 98215-1-RR	杂交瘤单抗 重组兔单抗
B细胞	BCMA/TNFRSF17	241731A11	FC98215 FC65562	FcZero-rAb* FcZero-rAb*
		CD19	4G7	65562-1-MR 65197-1-Ig
	HI819		65110-1-Ig FC65575	杂交瘤单抗 FcZero-rAb*
		CD20	2H7	65575-1-MR 65085-1-Ig
	CD21		BU32	65591-1-MR 65198-1-Ig
		FC65591 98092-1-RR		FcZero-rAb* 重组兔单抗
	CD23	241270C6	FC98088 98088-1-RR	FcZero-rAb* 重组兔单抗
		CD268/BAFF-R	242003A1	98254-1-RR
	CD37	242011D6	98222-1-RR	重组兔单抗
		241760A9	98191-1-RR	重组兔单抗
	G28.5	CD40	65103-1-Ig 98173-1-RR	杂交瘤单抗 重组兔单抗
			241552F1	FC98173 FC98090
	CD72	241300C1	98090-1-RR 65157-1-Ig	重组兔单抗 杂交瘤单抗
		3F3	FC98072 98072-1-RR	FcZero-rAb* 重组兔单抗
	CD79a	241299F3	FC65610 65610-1-MR	FcZero-rAb* 重组小鼠单抗
			HM57	98075-1-RR
	CD79b	241273B7	98075-1-RR	重组兔单抗
	CD80	242913B11	98384-1-RR	重组兔单抗
		2D10.4	65083-1-Ig	杂交瘤单抗
	CD86	240429C6	FC98043 98043-1-RR	FcZero-rAb* 重组兔单抗
		BU63	65592-1-MR 65165-1-Ig	重组小鼠单抗 杂交瘤单抗
			IT2.2	65118-1-Ig
		IgD	IA6-2	65175-1-Ig
	241222E2		98134-1-RR	重组兔单抗
	CD2	TS1/8	FC65565 65565-1-MR	FcZero-rAb* 重组小鼠单抗
			65192-1-Ig	杂交瘤单抗
	CD3	UCHT1	FC65570 65570-1-MR	FcZero-rAb* 重组小鼠单抗
			65151-1-Ig	杂交瘤单抗
	CD3	SK7	65148-1-Ig	杂交瘤单抗
			FC65569 65569-1-MR	FcZero-rAb* 重组小鼠单抗
CD3	OKT3	65133-1-Ig	杂交瘤单抗	
		Hit3a	65112-1-Ig	杂交瘤单抗
CD4	240427E12	FC98042 98042-1-RR	FcZero-rAb* 重组兔单抗	
		FC65603 65603-1-MR	FcZero-rAb* 重组小鼠单抗	
CD4	OKT4	65134-1-Ig	杂交瘤单抗	
		RPA-T4	65143-1-Ig	杂交瘤单抗
CD4	SK3	65147-1-Ig	杂交瘤单抗	
		240428A12	98054-1-RR	重组兔单抗
CD5	L17F12	FC98054 FC65599	FcZero-rAb* FcZero-rAb*	
		65599-1-MR 65200-1-Ig	重组小鼠单抗 杂交瘤单抗	
CD5	UCHT2	FC65609 65609-1-MR	FcZero-rAb* 重组小鼠单抗	
		65152-1-Ig	杂交瘤单抗	
CD6	241965C9	FC98223 98223-1-RR	FcZero-rAb* 重组兔单抗	
		98204-1-RR	重组兔单抗	
CD7	242402H8	FC98204 65203-1-Ig	FcZero-rAb* 杂交瘤单抗	
		65630-1-MR	重组小鼠单抗	
CD8	SK1	65146-1-Ig	杂交瘤单抗	
		65559-1-MR	重组小鼠单抗	
CD8a	UCHT4	65204-1-Ig FC65506	杂交瘤单抗 FcZero-rAb*	
		65604-1-MR 65135-1-Ig	重组小鼠单抗 杂交瘤单抗	
CD8a	RPA-T8	65144-1-Ig	杂交瘤单抗	
		Hit8a	65113-1-Ig	杂交瘤单抗
CD8b	241326A7	FC98103 98103-1-RR	FcZero-rAb* 重组兔单抗	
		242731G8	98346-3-RR	重组兔单抗
CD27	O323	65132-1-Ig	杂交瘤单抗	
		65627-1-MR	重组小鼠单抗	

Human				
类别	靶标名称	克隆	裸抗货号	抗体类型
T细胞	CD28	240354D2	98032-1-RR	重组兔单抗
		CD28.2	65099-1-Ig	杂交瘤单抗
			65621-1-MR	重组小鼠单抗
		FC65621	FcZero-rAb*	
	CD25/IL-2RA	BC96	65096-1-Ig	杂交瘤单抗
			FC65620	FcZero-rAb*
	CD30 Ligand/TNFSF8	241831D9	98253-1-RR	重组兔单抗
	CD40L/CD154	242847F7	98355-2-RR	重组兔单抗
		24-31	65156-1-Ig	杂交瘤单抗
	CD45RA	F8-11-13	65226-1-Ig	杂交瘤单抗
		HI100	65108-1-Ig	杂交瘤单抗
	CD45RO	UCHL1	65613-1-MR	重组小鼠单抗
			65150-1-Ig	杂交瘤单抗
	CD62L	DREG56	65167-1-Ig	杂交瘤单抗
	CD69	241552F1	98173-1-RR	重组兔单抗
			FcA98173	FcZero-rAb*
	CD73	AD2	FcA65564	FcZero-rAb*
			65564-1-MR	重组小鼠单抗
			65162-1-Ig	杂交瘤单抗
	CD226	240673G4	98002-2-RR	重组兔单抗
		11A8	65573-1-MR	重组小鼠单抗
			65247-1-Ig	杂交瘤单抗
			FcA65573	FcZero-rAb*
	CD134/OX40	241398G7	98181-1-RR	重组兔单抗
			FcA98181	FcZero-rAb*
	CTLA-4/CD152	240793E8	98078-1-RR	重组兔单抗
	CXCR4/CD184	241735F8	98175-1-RR	重组兔单抗
			65267-1-Ig	杂交瘤单抗
	DPP4/CD26	BA5b	65574-1-MR	重组小鼠单抗
			FcA65574	FcZero-rAb*
	Granzyme B	240761G4	FcA98070	FcZero-rAb*
			98070-1-RR	重组兔单抗
	ICOS/CD278	241770G11	98214-1-RR	重组兔单抗
			FcA98214	FcZero-rAb*
	IL-7Ra/CD127	240749H2	FcA98074	FcZero-rAb*
			98074-1-RR	重组兔单抗
KIM-1/HAVER1	242001E8	98238-1-RR	重组兔单抗	
PD-1/CD279	240724G11	FcA98068	FcZero-rAb*	
		98068-1-RR	重组兔单抗	
		FcA65586	FcZero-rAb*	
	EH12.2H7	65586-1-MR	重组小鼠单抗	
		65168-1-Ig	杂交瘤单抗	
	J110	65119-1-Ig	杂交瘤单抗	
TIGIT	240423C7	98023-2-RR	重组兔单抗	
TIM3	241422H1	98115-1-RR	重组兔单抗	
TNFRSF9/CD137	241344F3	98112-1-RR	重组兔单抗	
		FcA98109	FcZero-rAb*	
VISTA	241003C8	98109-1-RR	重组兔单抗	
单核细胞	C5AR1/CD88	241712D4	FcA98226	FcZero-rAb*
			98226-1-RR	重组兔单抗
	CD11b	ICRF44	FcA65582	FcZero-rAb*
			65582-1-MR	重组小鼠单抗
			65116-1-Ig	杂交瘤单抗
	CD11c	3.9	FcA65568	FcZero-rAb*
			65568-1-MR	重组小鼠单抗
			65086-1-Ig	杂交瘤单抗
		BU15	65600-1-MR	重组小鼠单抗
			65196-1-Ig	杂交瘤单抗
	CD13	WM15	65633-1-MR	重组小鼠单抗
	CD14	230332D7	FcA98040	FcZero-rAb*
			98040-1-RR	重组兔单抗
		261C	65616-1-MR	重组小鼠单抗
			65246-1-Ig	杂交瘤单抗
	CD16	UCHM-1	65056-1-Ig	杂交瘤单抗
		3G8	FcA65612	FcZero-rAb*
		242426C2	98387-1-RR	重组兔单抗
		3G8	65612-1-MR	重组小鼠单抗
			65090-1-Ig	杂交瘤单抗
	CD16a	242426G11	98293-1-RR	重组兔单抗
	CD16b	241713E3	98192-1-RR	重组兔单抗
	CD300e	242031C10	98235-1-RR	重组兔单抗
FcA98235			FcZero-rAb*	
CD33	241711C12	98184-1-RR	重组兔单抗	
		WM53	65272-1-Ig	杂交瘤单抗
		FcA65572	FcZero-rAb*	
CD64	10.1	65572-1-MR	重组小鼠单抗	
		65253-1-Ig	杂交瘤单抗	
CD93	242464E6	98337-1-RR	重组兔单抗	
红细胞	Glycophorin A/CD235a	242822E1	98370-2-RR	重组兔单抗
		HIR2	65174-1-Ig	杂交瘤单抗

Human					
类别	靶标名称	克隆	裸抗货号	抗体类型	
间充质干细胞	ALCAM	3A6	FcA65611	FcZero-rAb*	
			65611-1-MR	重组小鼠单抗	
			65223-1-Ig	杂交瘤单抗	
	CD29	TS2/16	FcA65601	FcZero-rAb*	
			65601-1-MR	重组小鼠单抗	
			65191-1-Ig	杂交瘤单抗	
		241685C10	98188-1-RR	重组兔单抗	
			FcA98188	FcZero-rAb*	
	CD44	242345G9	98333-3-RR	重组兔单抗	
		F10-44-2	65608-1-MR	重组小鼠单抗	
			65063-1-Ig	杂交瘤单抗	
		IM7	65117-1-Ig	杂交瘤单抗	
	CD73	AD2	FcA65564	FcZero-rAb*	
			65564-1-MR	重组小鼠单抗	
	Endoglin/CD105	241196D9	65162-1-Ig	杂交瘤单抗	
			FcA98013	FcZero-rAb*	
			98013-2-RR	重组兔单抗	
				FcA98011	FcZero-rAb*
				98011-4-RR	重组兔单抗
			ICAM-1/CD54	240646A11	FcA65567
		65567-1-MR			重组小鼠单抗
			15.2	65075-1-Ig	杂交瘤单抗
				65585-1-MR	重组小鼠单抗
		STRO-1	STRO-1	65184-1-Ig	杂交瘤单抗
	VCAM-1/CD106	241283G8	98079-1-RR	重组兔单抗	
浆细胞	CD138/Syndecan-1	240422C4	98051-1-RR	重组兔单抗	
	CD38	241246F9	98148-1-RR	重组兔单抗	
			FcA98148	FcZero-rAb*	
		HIT2	65111-1-Ig	杂交瘤单抗	
		HB7	65107-1-Ig	杂交瘤单抗	
	巨核细胞/ 血小板	CD9	240830E6	FcA98095	FcZero-rAb*
		CD31	WM-59	98095-1-RR	重组兔单抗
				65614-1-MR	重组小鼠单抗
		CD36	241262D5	65268-1-Ig	杂交瘤单抗
				FcA98132	FcZero-rAb*
98132-1-RR			重组兔单抗		
CD41a		HIP8	65248-1-Ig	杂交瘤单抗	
			65173-1-Ig	杂交瘤单抗	
CD42b		AK2	FcA65588	FcZero-rAb*	
			65588-1-MR	重组小鼠单抗	
			65163-1-Ig	杂交瘤单抗	
CD62P		AK4	FcA65587	FcZero-rAb*	
			65587-1-MR	重组小鼠单抗	
			65164-1-Ig	杂交瘤单抗	
CD63		241964E1	98318-1-RR	重组兔单抗	
巨噬细胞			H5C6	65295-1-Ig	杂交瘤单抗
	CD107b / LAMP2	H4B4	FcA65566	FcZero-rAb*	
			65566-1-MR	重组小鼠单抗	
			65053-1-Ig	杂交瘤单抗	
	CD11b	ICRF44	FcA65582	FcZero-rAb*	
			65582-1-MR	重组小鼠单抗	
			65116-1-Ig	杂交瘤单抗	
	CD11c	3.9	FcA65568	FcZero-rAb*	
			65568-1-MR	重组小鼠单抗	
		BU15	65086-1-Ig	杂交瘤单抗	
			65600-1-MR	重组小鼠单抗	
	CD14	230332D7	65196-1-Ig	杂交瘤单抗	
			FcA98040	FcZero-rAb*	
			98040-1-RR	重组兔单抗	
		261C	65616-1-MR	重组小鼠单抗	
			65246-1-Ig	杂交瘤单抗	
			UCHM-1	65056-1-Ig	杂交瘤单抗
	CD16	3G8	FcA65612	FcZero-rAb*	
			65612-1-MR	重组小鼠单抗	
		242426C2	65090-1-Ig	杂交瘤单抗	
98387-1-RR			重组兔单抗		
CD16a	242426G11	98293-1-RR	重组兔单抗		
CD16b	241713E3	98192-1-RR	重组兔单抗		
CD206	15-2	65155-1-Ig	杂交瘤单抗		
CD300e	242031C10	98235-1-RR	重组兔单抗		
		FcA98235	FcZero-rAb*		
	CD64	10.1	FcA65572	FcZero-rAb*	
			65572-1-MR	重组小鼠单抗	
		65253-1-Ig	杂交瘤单抗		

Human					
类别	靶标名称	克隆	裸抗货号	抗体类型	
巨噬细胞	CD68	KP1	FcA65593	FcZero-rAb*	
			65593-1-MR	重组小鼠单抗	
		241810G1	65202-1-Ig	杂交瘤单抗	
			Y1/82A	98242-1-RR	重组兔单抗
	CD80	242913B11	65187-1-Ig	杂交瘤单抗	
			98384-1-RR	重组兔单抗	
		2D10.4	65083-1-Ig	杂交瘤单抗	
	CD86	240429C6	FcA98043	FcZero-rAb*	
			98043-1-RR	重组兔单抗	
		BU63	65592-1-MR	重组小鼠单抗	
			IT2.2	65165-1-Ig	杂交瘤单抗
	CD163	GHI/61	65118-1-Ig	杂交瘤单抗	
			FcA65561	FcZero-rAb*	
		CD16	3G8	65561-1-MR	重组小鼠单抗
	65169-1-Ig			杂交瘤单抗	
	242426C2		FcA65612	FcZero-rAb*	
			65612-1-MR	重组小鼠单抗	
	CD16a	242426G11	65090-1-Ig	杂交瘤单抗	
	CD16b	241713E3	98387-1-RR	重组兔单抗	
	自然杀伤细胞	CD49b	AK7	98293-1-RR	重组兔单抗
98192-1-RR				重组兔单抗	
CD94		241704E11	65583-1-MR	重组小鼠单抗	
			65252-1-Ig	杂交瘤单抗	
CD96		242964G12	98172-1-RR	重组兔单抗	
			98386-3-RR	重组兔单抗	
CD107a / LAMP1		NK92.39	65250-1-Ig	杂交瘤单抗	
			242116E8	98266-2-RR	重组兔单抗
		H4A3	65596-1-MR	重组小鼠单抗	
65051-1-Ig			杂交瘤单抗		
CD122/IL-2RB		241677H7	98151-1-RR	重组兔单抗	
CD160		241415F2	FcA98111	FcZero-rAb*	
			98111-1-RR	重组兔单抗	
		11A8	FcA65573	FcZero-rAb*	
			65573-1-MR	重组小鼠单抗	
CD226		240673G4	65247-1-Ig	杂交瘤单抗	
			98002-2-RR	重组兔单抗	
		CD244	241260G10	FcA98133	FcZero-rAb*
98133-1-RR				重组兔单抗	
2B4.69			65270-1-Ig	杂交瘤单抗	
自然杀伤细胞	CD314/NKG2D	1D11	65643-1-MR	重组小鼠单抗	
			65188-1-Ig	杂交瘤单抗	
	CD336	242228B9	98371-1-RR	重组兔单抗	
			FcA98070	FcZero-rAb*	
	Granzyme B	240761G4	98070-1-RR	重组兔单抗	
			IL-18R1/CD218a	98150-2-RR	重组兔单抗
	KIR2DL3/CD158b2	242282E11	98373-3-RR	重组兔单抗	
			KIR3DL1/CD158E	243022H8	98389-1-RR
	KLRB1/CD161	242140H5	98281-1-RR	重组兔单抗	
	自然杀伤细胞	NCAM1/CD56	240078A7	FcA98033	FcZero-rAb*
				98033-1-RR	重组兔单抗
		B-A19	65264-1-Ig	杂交瘤单抗	
NKp46/NCR1	242549D12	98340-1-RR	重组兔单抗		
粒细胞	CD11b	ICRF44	FcA65582	FcZero-rAb*	
			65582-1-MR	重组小鼠单抗	
			65116-1-Ig	杂交瘤单抗	
	CD11c	3.9	FcA65568	FcZero-rAb*	
			65568-1-MR	重组小鼠单抗	
		BU15	65086-1-Ig	杂交瘤单抗	
			65600-1-MR	重组小鼠单抗	
	CD13	WM15	65196-1-Ig	杂交瘤单抗	
			65633-1-MR	重组小鼠单抗	
	CD16	3G8	65186-1-Ig	杂交瘤单抗	
			FcA65612	FcZero-rAb*	
		242426C2	65612-1-MR	重组小鼠单抗	
	CD16b	241713E3	65090-1-Ig	杂交瘤单抗	
	CD33	241711C12	98387-1-RR	重组兔单抗	
			98192-1-RR	重组兔单抗	
	CD44	WM53	98184-1-RR	重组兔单抗	
			65272-1-Ig	杂交瘤单抗	
242345G9		98333-3-RR	重组兔单抗		
		F10-44-2	65063-1-Ig	杂交瘤单抗	
IM7		65608-1-MR	重组小鼠单抗		
CD93	242464E6	65117-1-Ig	杂交瘤单抗		
CEACAM6/CD66c	241997G1	98337-1-RR	重组兔单抗		
Neprilysin/CD10	241322E1	98329-3-RR	重组兔单抗		

Human					
类别	靶标名称	克隆	裸抗货号	抗体类型	
树突状细胞	CD1a	HI149	65172-1-Ig	杂交瘤单抗	
	CD1c	L161	65176-1-Ig	杂交瘤单抗	
	CD11b	ICRF44	65626-1-MR	重组小鼠单抗	
			FcA65582	FcZero-rAb*	
			65582-1-MR	重组小鼠单抗	
			65116-1-Ig	杂交瘤单抗	
	CD11c	3.9	FcA65568	FcZero-rAb*	
			65568-1-MR	重组小鼠单抗	
			65086-1-Ig	杂交瘤单抗	
		BU15	65600-1-MR	重组小鼠单抗	
			65196-1-Ig	杂交瘤单抗	
	CD80	242913B11	98384-1-RR	重组兔单抗	
		2D10.4	65083-1-Ig	杂交瘤单抗	
	CD83	HB15e	65581-1-MR	重组小鼠单抗	
			FcA65581	FcZero-rAb*	
	CD86	240429C6	FcA98043	FcZero-rAb*	
			98043-1-RR	重组兔单抗	
			65592-1-MR	重组小鼠单抗	
		BU63	65165-1-Ig	杂交瘤单抗	
			IT2.2	65118-1-Ig	杂交瘤单抗
	CD207	242303C1	98368-2-RR	重组兔单抗	
	CD209	240907A4	98156-1-RR	重组兔单抗	
			FcA98156	FcZero-rAb*	
	CD300e	242031C10	98235-1-RR	重组兔单抗	
			FcA98235	FcZero-rAb*	
	CLEC10A/CD301	241857C11	98245-1-RR	重组兔单抗	
			FcA65560	FcZero-rAb*	
	HLA-DR	L243	65560-1-MR	重组小鼠单抗	
			65218-1-Ig	杂交瘤单抗	
	IL3RA/CD123	241268E3	98107-1-RR	重组兔单抗	
		HI12H7	65256-1-Ig	杂交瘤单抗	
	Neuropilin 1/CD304	241812B11	98210-1-RR	重组兔单抗	
内皮细胞	CD31	WM-59	65614-1-MR	重组小鼠单抗	
	CD34	242069A6	65268-1-Ig	杂交瘤单抗	
			98145-4-RR	重组兔单抗	
	CD93	242464E6	98337-1-RR	重组兔单抗	
	CD141/ Thrombomodulin	240365H3	98037-2-RR	重组兔单抗	
	CD146	P1H12	65181-1-Ig	杂交瘤单抗	
	DC-SIGNR/CD299	241683G8	98205-1-RR	重组兔单抗	
	E-selectin/CD62E	241767H6	98189-1-RR	重组兔单抗	
	ICAM-1/CD54	240646A11	FcA98011	FcZero-rAb*	
			98011-4-RR	重组兔单抗	
			FcA65567	FcZero-rAb*	
		15.2	65567-1-MR	重组小鼠单抗	
			65075-1-Ig	杂交瘤单抗	
	VCAM-1/CD106	241283G8	98079-1-RR	重组兔单抗	
	VE-cadherin/CD144	240755B2	FcA98071	FcZero-rAb*	
			98071-1-RR	重组兔单抗	
VEGFR2/CD309	230238B11	FcA98009	FcZero-rAb*		
		98009-1-RR	重组兔单抗		
细胞因子	4-1BBL/TNFSF9	241386G2	98163-1-RR	重组兔单抗	
			FcA98163	FcZero-rAb*	
	CCL20/MIP-3 alpha	241694B2	98221-1-RR	重组兔单抗	
	CCL22/MDC	241668D5	98280-1-RR	重组兔单抗	
	CXCL10/IP-10	242013E12	98265-1-RR	重组兔单抗	
	CXCL8/IL-8	240889B2	98137-1-RR	重组兔单抗	
	CXCL9/MIG	241437F5	98211-1-RR	重组兔单抗	
	GM-CSF	240183C7	98050-1-RR	重组兔单抗	
	IFN-gamma	241390B10	98187-1-RR	重组兔单抗	
	IL-1 beta	240902A3	98142-1-RR	重组兔单抗	
		2A7C6	65276-1-Ig	杂交瘤单抗	
	IL-2	240416E3	98053-1-RR	重组兔单抗	
	IL-4	240794E11	98138-1-RR	重组兔单抗	
	IL-5	240915D12	98178-1-RR	重组兔单抗	
	IL-6	240670D12	98087-1-RR	重组兔单抗	
	IL-7	241000F3	98206-1-RR	重组兔单抗	
		1C1B11	65281-1-Ig	杂交瘤单抗	
	细胞因子	IL-10	7B8G3	65286-1-Ig	杂交瘤单抗
		IL-12	1E12H6	65277-1-Ig	杂交瘤单抗
		IL-12/IL-23 p40	241600F8	98277-1-RR	重组兔单抗
IL-13		241396F3	98159-1-RR	重组兔单抗	
MCP-1/CCL2		230270A7	98044-1-RR	重组兔单抗	
M-CSF		3G12E6	65283-1-Ig	杂交瘤单抗	
TNF beta		240393C3	98056-1-RR	重组兔单抗	
TNF-alpha		240668B11	98064-1-RR	重组兔单抗	
TNFSF18		250008B9	98403-3-RR	重组兔单抗	
TRAIL/CD253		241419D2	98139-1-RR	重组兔单抗	
TSLP		241821B2	98247-1-RR	重组兔单抗	

Human					
类别	靶标名称	克隆	裸抗货号	抗体类型	
造血干细胞	CD34	242069A6	98145-4-RR	重组免单抗	
	CD38	241246F9	98148-1-RR	重组免单抗	
		HIT2	65111-1-Ig	FcZero-rAb*	
		HB7	65107-1-Ig	杂交瘤单抗	
		CD45RA	F8-11-13	65226-1-Ig	杂交瘤单抗
	CD90	HI100	65108-1-Ig	杂交瘤单抗	
		241290B2	FcA98126	FcZero-rAb*	
	CD117/c-Kit	241313C5	98126-1-RR	重组免单抗	
			98377-1-RR	重组免单抗	
	CD164	241950F3	98239-1-RR	重组免单抗	
	FLT3/CD135	241414F8	FcA98106	FcZero-rAb*	
			98106-1-RR	重组免单抗	
	其他	B7-H3/CD276	230305A10	FcA98017	FcZero-rAb*
		Beta-2-Microglobulin BTLA/CD272	241308D5	98017-1-RR	重组免单抗
98165-1-RR				重组免单抗	
98096-1-RR				重组免单抗	
98345-2-RR				重组免单抗	
CD11a		TS2/4	FcA65563	FcZero-rAb*	
			65563-1-MR	重组小鼠单抗	
CD126/IL-6R alpha		240734A7	65194-1-Ig	杂交瘤单抗	
			98057-1-RR	重组免单抗	
CD155/PVR		241405G8	98186-1-RR	重组免单抗	
			65632-1-MR	重组小鼠单抗	
			FcA65632	FcZero-rAb*	
			65251-1-Ig	杂交瘤单抗	
CD157		241424H5	FcA98146	FcZero-rAb*	
			98146-1-RR	重组免单抗	
CD177		241339F4	FcA98086	FcZero-rAb*	
			98086-1-RR	重组免单抗	
CD178 (Fas ligand)		NOK-1	65598-1-MR	重组小鼠单抗	
CD18		TS1/18	FcA65595	FcZero-rAb*	
			65595-1-MR	重组小鼠单抗	
			65190-1-Ig	杂交瘤单抗	
CD200		241329G4	98091-2-RR	重组免单抗	
CD30/TNFRSF8		241330A12	FcA98124	FcZero-rAb*	
CD324 (E-cadherin)		241098F7	98124-1-RR	重组免单抗	
			98268-1-RR	重组免单抗	
			98413-1-RR	重组免单抗	
			FcA98123	FcZero-rAb*	
		240159G8	FcA98030	FcZero-rAb*	
		241098F7	98123-1-RR	重组免单抗	
		240159G8	98030-1-RR	重组免单抗	
		CD35	E11	FcA65622	FcZero-rAb*
				65622-1-MR	重组小鼠单抗
				65254-1-Ig	杂交瘤单抗
CD39/ENTPD1		241292G7	FcA98102	FcZero-rAb*	
CD46	241764C9	98102-1-RR	重组免单抗		
CD47	240997D8	98240-1-RR	重组免单抗		
CD48	241389F8	FcA98131	FcZero-rAb*		
		98131-1-RR	重组免单抗		
CD49f/Integrin alpha 6	241703B5	98170-1-RR	重组免单抗		
		FcA98170	FcZero-rAb*		
CD55	JS11	98257-1-RR	重组免单抗		
CD58	TS2/9	65271-1-Ig	杂交瘤单抗		
		FcA65597	FcZero-rAb*		
		65597-1-MR	重组小鼠单抗		
CD59	241311A4	65193-1-Ig	杂交瘤单抗		
		FcA98099	FcZero-rAb*		
CD70	241325D8	98099-1-RR	重组免单抗		
		FcA98098	FcZero-rAb*		
CD71	OKT9	98098-1-RR	重组免单抗		
		65605-1-MR	重组小鼠单抗		
CD81	241722G4	65235-1-Ig	杂交瘤单抗		
		98202-1-RR	重组免单抗		
CD82	5A6	65644-1-MR	重组小鼠单抗		
		65195-1-Ig	杂交瘤单抗		
CD84	241765F7	98278-1-RR	重组免单抗		
		FcA98108	FcZero-rAb*		
CD85j / LILRB1	GHI/75	98108-1-RR	重组免单抗		
		FcA65623	FcZero-rAb*		
		65623-1-MR	重组小鼠单抗		
CD89	241426E3	65238-1-Ig	杂交瘤单抗		
		FcA98105	FcZero-rAb*		
CD97	241335D8	98105-1-RR	重组免单抗		
		FcA98094	FcZero-rAb*		
CD98/SLC3A2	241755D6	98094-2-RR	重组免单抗		
		98190-1-RR	重组免单抗		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98174-1-RR	重组免单抗		
		FcA98174	FcZero-rAb*		
CD99	241737H1	98			

Human				
类别	靶标名称	克隆	裸抗货号	抗体类型
其他	CSF2RA/CD116	241266B11	FCA98066	FcZero-rAb*
			98066-1-RR	重组兔单抗
	DDR1/CD167a	241796D6	98200-1-RR	重组兔单抗
			98261-1-RR	重组兔单抗
	DPP4/CD26	242045C1	FCA98261	FcZero-rAb*
			98273-1-RR	重组兔单抗
	DR5/CD262	242319H8	98273-1-RR	重组兔单抗
	EGFR	242684A1	98344-1-RR	重组兔单抗
	EMR2/CD312	242042B11	98260-1-RR	重组兔单抗
	EPCR/CD201	241806D7	98325-1-RR	重组兔单抗
	Fas/CD95	240340E11	98034-1-RR	重组兔单抗
			98244-1-RR	重组兔单抗
	FGFR2/CD332	241383D11	98244-1-RR	重组兔单抗
	FGFR4	242713H4	98383-2-RR	重组兔单抗
	gp130/IL6ST	242292C9	98121-2-RR	重组兔单抗
	GPR56	242249A7	98291-1-RR	重组兔单抗
			98367-1-RR	重组兔单抗
	ICAM-2/CD102	242237F8	FCA98367	FcZero-rAb*
			FCA98097	FcZero-rAb*
	ICAM3/CD50	241418E8	98097-1-RR	重组兔单抗
			98358-1-RR	重组兔单抗
	ICOSLG/B7-H2/CD275	242241C8	FCA98067	FcZero-rAb*
			98067-1-RR	重组兔单抗
	IFNAR1	230549B1	98343-1-RR	重组兔单抗
			65294-1-Ig	杂交瘤单抗
	IFNGR1/CD119	242632A8	FCA98144	FcZero-rAb*
			98144-1-RR	重组兔单抗
	IGF1R/CD221	241679A6	98282-1-RR	重组兔单抗
			FCA98073	FcZero-rAb*
	IL-1R1	242245A10	98073-1-RR	重组兔单抗
			98180-1-RR	重组兔单抗
	IL-1RAP	240756A12	98234-1-RR	重组兔单抗
			98336-2-RR	重组兔单抗
	IL-23R	240905B5	98203-1-RR	重组兔单抗
	IL-2RG/CD132	242020H6	98292-1-RR	重组兔单抗
	IL-3RB/CD131	241823B12	98149-1-RR	重组兔单抗
	IL-4RA/CD124	241824D8	98216-1-RR	重组兔单抗
	IL-10RB	242302D2	98271-1-RR	重组兔单抗
	IL-12RB1/CD212	241661H1	FCA98227	FcZero-rAb*
	IL-13Ra1/CD213a1	241834A1	98227-1-RR	重组兔单抗
			98171-1-RR	重组兔单抗
	IL-17RA	241891G7	FCA98171	FcZero-rAb*
			98243-1-RR	重组兔单抗
	INSR/CD220	241687A10	98328-3-RR	重组兔单抗
			98390-1-RR	重组兔单抗
	Integrin alpha-5/CD49e	241685D4	98143-2-RR	重组兔单抗
			98130-1-RR	重组兔单抗
	Jagged1/CD339	241412A6	FCA98130	FcZero-rAb*
	JAM-A/CD321	242290B3	98326-1-RR	重组兔单抗
	JAM2/CD322	242617F10	98063-1-RR	重组兔单抗
	Ki-67	241499B1	98237-1-RR	重组兔单抗
	L1CAM/CD171	240978A7	FCA98237	FcZero-rAb*
			65594-1-MR	重组小鼠单抗
	LAIR1	241805G2	65233-1-Ig	杂交瘤单抗
	LIGHT/CD258	240694D7	98110-1-RR	重组兔单抗
	LILRB3/CD85a	241894C10	FCA98110	FcZero-rAb*
			65589-1-MR	重组小鼠单抗
	LRP1	5A6	65161-1-Ig	杂交瘤单抗
			FCA98006	FcZero-rAb*
	MICA/MICB	240735D5	98006-1-RR	重组兔单抗
			98283-1-RR	重组兔单抗
	N-cadherin/CD325	230259D7	FCA98141	FcZero-rAb*
	Nectin-2/CD112	241725D3	98141-1-RR	重组兔单抗
	PDGFR alpha/CD140a	241658H4	98405-2-RR	重组兔单抗
	PDGFR beta/CD140b	242711A9	FCA98062	FcZero-rAb*
			98062-1-RR	重组兔单抗
	PD-L1/CD274	240721H8	65081-1-Ig	杂交瘤单抗
			98279-1-RR	重组兔单抗
	PSMA/GCPII	242026E6	FCA98084	FcZero-rAb*
	SELPLG/CD162	241297F10	98084-1-RR	重组兔单抗
			98324-3-RR	重组兔单抗
	SEMA7A	241814B12	98416-1-RR	重组兔单抗
	Siglec-6/CD327	243088G2	98183-1-RR	重组兔单抗
	Siglec-7/CD328	241525H1	98177-1-RR	重组兔单抗
	Siglec-8	241275A5	FCA98177	FcZero-rAb*
			98264-6-RR	重组兔单抗
	Siglec-9	241799C10	FCA98101	FcZero-rAb*
			98101-1-RR	重组兔单抗
	SIRP Alpha/CD172a	240789E1	98267-1-RR	重组兔单抗
	SIRP beta 1/CD172b	242115C10	FCA98220	FcZero-rAb*
			98220-1-RR	重组兔单抗
	SLAM/CD150	241800B12	FCA98093	FcZero-rAb*
	SLAMF7/CD319	241321F11	98093-1-RR	重组兔单抗
			FCA98104	FcZero-rAb*
	Tissue Factor/CD142	240784E2	98104-1-RR	重组兔单抗

Human				
类别	靶标名称	克隆	裸抗货号	抗体类型
其他	TLR3/CD283	230445F1	FCa98016	FcZero-rAb*
			98016-1-RR	重组兔单抗
	TLR4/CD284	242067C1	98327-1-RR	重组兔单抗
	TMIGD2/CD28H	241807A5	98263-1-RR	重组兔单抗
	TNFR1/CD120a	241337H6	98085-1-RR	重组兔单抗
	TNFR2/CD120b	230328B6	98010-2-RR	重组兔单抗
	TNFRSF13B/CD267	241317D8	98100-1-RR	重组兔单抗
			98154-1-RR	重组兔单抗
	TREM-1/CD354	241279D10	FCa98154	FcZero-rAb*
			FCa98125	FcZero-rAb*
	TWEAKR/CD266	240991C5	98125-1-RR	重组兔单抗
			FCa98048	FcZero-rAb*
	uPAR/CD87	240366G10	98048-1-RR	重组兔单抗

Mouse				
类别	靶标名称	克隆	裸抗货号	抗体类型
白细胞 共同抗原	CD45	240356D1	FCa98035	FcZero-rAb™
			98035-1-RR	重组兔单抗
			30-F11	65087-1-Ig
	CD45.2	104	65072-1-Ig	杂交瘤单抗
			240922E12	98168-1-RR
			65290-1-Ig	杂交瘤单抗
	CD19	1D3	65661-1-TR	重组大鼠单抗
			242301C6	98287-1-RR
			RA3-6B2	65139-1-Ig
	CD45R (B220)	RA3-6B2	65139-1-Ig	杂交瘤单抗
B细胞	CD23	241385D1	98164-1-RR	重组兔单抗
	CD24	M1/69	65121-1-Ig	杂交瘤单抗
			241691D7	98176-1-RR
	CD38	90	65059-1-Ig	杂交瘤单抗
			250107D11	98433-3-RR
	CD40	240874G8	FCa98122	FcZero-rAb™
			98122-1-RR	重组兔单抗
	CD69	H1.2F3	65105-1-Ig	杂交瘤单抗
	CD72	242846D10	98354-3-RR	重组兔单抗
	CD79a	241231F7	98129-1-RR	重组兔单抗
	CD79b	241850D10	98217-1-RR	重组兔单抗
	CD80	16-10A1	65076-1-Ig	杂交瘤单抗
	CD86	241371E12	98158-1-RR	重组兔单抗
			230476B8	98025-1-RR
	CD138/Syndecan-1	GL1	65068-1-Ig	杂交瘤单抗
			241278C7	98152-1-RR
	TNFRSF13B/CD267	250265B1	98439-2-RR	重组兔单抗
	CD268/BAFF-R	243120H8	98404-1-RR	重组兔单抗
	GL7	GL-7	65261-1-Ig	杂交瘤单抗
T细胞	CD2	241548A5	98193-1-RR	重组兔单抗
	CD3e	145-2C11	FCa65651	FcZero-rAb™
			65060-1-Ig	杂交瘤单抗
	CD3	17A2	65077-1-Ig	杂交瘤单抗
			65104-1-Ig	杂交瘤单抗
			65662-1-TR	重组大鼠单抗
			FCa65655	FcZero-rAb™
	CD4	RM4-4	65655-1-TR	重组大鼠单抗
			65199-1-Ig	杂交瘤单抗
			FCa98038	重组兔单抗
	CD5	240244A7	98038-2-RR	重组兔单抗
			98161-1-RR	重组兔单抗
	CD6	241471F3	FCa98161	FcZero-rAb™
	CD8a	53-6.7	65069-1-Ig	杂交瘤单抗
			5H10-1	65205-1-Ig
	CD25/IL-2RA	PC61.5	65137-1-Ig	杂交瘤单抗
			98288-1-RR	重组兔单抗
			FCa98288	FcZero-rAb™
	DPP4/CD26	242823A9	98356-1-RR	重组兔单抗
			98160-1-RR	重组兔单抗
	CD27	241378E11	FCa98160	FcZero-rAb™
	CD28	241707H6	98195-1-RR	重组兔单抗
	CD69	H1.2F3	65105-1-Ig	杂交瘤单抗
	CD62L	MEL14	65219-1-Ig	杂交瘤单抗
			A7R34	65093-1-Ig
	IL-7Ra/CD127	242852B4	98385-1-RR	重组兔单抗
			OX-86	65136-1-Ig
	CD134/OX40	242901A7	98409-2-RR	重组兔单抗
			241647E11	98182-1-RR
	TNFRSF9/CD137	241647E11	98182-1-RR	重组兔单抗
	CTLA-4/CD152	241100B8	98147-1-RR	重组兔单抗
	CD40L/CD154	240743E6	98120-1-RR	重组兔单抗
			MR1	65129-1-Ig
	CXCR4/CD184	241956H2	98233-1-RR	重组兔单抗
	LAG-3/CD223	241294E11	98167-1-RR	重组兔单抗
			C9B7W	65098-1-Ig
	ICOS/CD278	242639C3	98341-1-RR	重组兔单抗

Mouse				
类别	靶标名称	克隆	裸抗货号	抗体类型
T细胞	PD-1/CD279	240389B8	98080-1-RR	重组兔单抗
		J431	65120-1-Ig	杂交瘤单抗
		RMP1-30	65142-1-Ig	杂交瘤单抗
	Foxp3	3G3	65089-1-Ig	杂交瘤单抗
	CD357 (GITR)	DTA-1	65102-1-Ig	杂交瘤单抗
	IFN-gamma	240262C9	98045-1-RR	重组兔单抗
	IFN gamma	XMG1.2	65153-1-Ig	杂交瘤单抗
	IL-4	11B11	65074-1-Ig	杂交瘤单抗
		242736G8	98360-2-RR	重组兔单抗
	IL-12/IL-23 p40	230037C9	98004-1-RR	重组兔单抗
		C17.8	65097-1-Ig	杂交瘤单抗
	TIGIT	242242F11	98285-1-RR	重组兔单抗
树突状细胞	MHC Class II (I-A/I-E)	M5/114.15.2	GL-7	65261-1-Ig
			65122-1-Ig	杂交瘤单抗
			65663-1-TR	重组大鼠单抗
	CD11b	M1/70	65055-1-Ig	杂交瘤单抗
			65672-1-TR	重组大鼠单抗
	CD11c	N418	65130-1-Ig	杂交瘤单抗
			65602-1-MR	重组小鼠单抗
	CD8a	53-6.7	65069-1-Ig	杂交瘤单抗
			5H10-1	65205-1-Ig
	CD80	241371E12	16-10A1	65076-1-Ig
			98158-1-RR	重组兔单抗
	CD83	241002B7	98119-1-RR	重组兔单抗
自然杀伤细胞	CD86	230476B8	98025-1-RR	重组兔单抗
			GL1	65068-1-Ig
	CD103	2E7	65047-1-Ig	杂交瘤单抗
	CLEC9A	242895F4	98395-1-RR	重组兔单抗
	KLRG1	2F1	65084-1-Ig	杂交瘤单抗
	NK1.1 (CD161)	PK136	65138-1-Ig	杂交瘤单抗
	CD314/NKG2D	CX5	65100-1-Ig	杂交瘤单抗
	CD94	18D3	65240-1-Ig	杂交瘤单抗
			65668-1-TR	重组大鼠单抗
	NKp46/NCR1	241804A12	98198-1-RR	重组兔单抗
	CD107a/LAMP1	1D4B	29A1.4	65667-1-TR
			65050-1-Ig	杂交瘤单抗
单核细胞	CD16/CD32	2.4G2	93	65080-1-Ig
			65057-1-Ig	杂交瘤单抗
	CD11b	M1/70	65055-1-Ig	杂交瘤单抗
			65672-1-TR	重组大鼠单抗
	CD11c	N418	65130-1-Ig	杂交瘤单抗
			65602-1-MR	重组小鼠单抗
	CD14	240225C2	98020-1-RR	重组兔单抗
	CD16/CD32	2.4G2	93	65080-1-Ig
			65057-1-Ig	杂交瘤单抗
	CD64	241809A6	98218-1-RR	重组兔单抗
	CSF1R/CD115	AF598	242213B1	98334-2-RR
			1A8	65078-1-Ig
巨噬细胞	Ly-6G	HK1.4	65296-1-Ig	杂交瘤单抗
			65669-1-TR	重组大鼠单抗
	Ly-6G/Ly-6C (Gr-1)	RB6-8C5	65140-1-Ig	杂交瘤单抗
			242141B11	98284-1-RR
	F4/80	241959G4	98236-1-RR	重组兔单抗
	CD11b	M1/70	65055-1-Ig	杂交瘤单抗
			65672-1-TR	重组大鼠单抗
	CD11c	N418	65130-1-Ig	杂交瘤单抗
			65602-1-MR	重组小鼠单抗
	CD14	240225C2	FcA98020	FcZero-rAb™
			98020-1-RR	重组兔单抗
	CD16/CD32	2.4G2	93	65080-1-Ig
			65057-1-Ig	杂交瘤单抗
造血干细胞	CD34	240659B11	241809A6	98218-1-RR
			230504G5	98052-1-RR
	CD38	250107D11	98029-1-RR	重组兔单抗
			98025-1-RR	重组兔单抗
	CD117/c-Kit	240246C11	16-10A1	65076-1-Ig
			241371E12	98025-1-RR
	FceR1a	242008G6	230476B8	98025-1-RR
			GL1	65068-1-Ig
	CD34	240659B11	ABL-93	65052-1-Ig
			240344D12	98031-1-RR
	CD38	250107D11	Galectin-3	98335-3-RR
			MHC Class II (I-A/I-E)	65122-1-Ig

Mouse				
类别	靶标名称	克隆	裸抗货号	抗体类型
造血干细胞	CD90.2	30-H12	65088-1-Ig	杂交瘤单抗
	CD117/c-Kit	240246C11	FcA98041	FcZero-rAb™
			98041-1-RR	重组兔单抗
间充质干细胞	CD90.2	30-H12	2B8	65054-1-Ig
			65088-1-Ig	杂交瘤单抗
	CD44	IM7	65117-1-Ig	杂交瘤单抗
			242666F8	98359-2-RR
	CD73	241541G9	98199-1-RR	重组兔单抗
			MJ7/18	65048-1-Ig
	Endoglin/CD105	242305E7	98290-1-RR	重组兔单抗
			240597C2	98059-1-RR
	VCAM-1/CD106	240249D10	98049-1-RR	重组兔单抗
			YN1/1.7.4	65066-1-Ig
巨核细胞/血小板	CD9	242432C7	98270-1-RR	重组兔单抗
	CD31	390	65058-1-Ig	杂交瘤单抗
	CD36	242662C12	98350-2-RR	重组兔单抗
	CD41	MWReg30	65189-1-Ig	杂交瘤单抗
	P-Selectin/CD62P	240766F5	98302-2-RR	重组兔单抗
			65055-1-Ig	杂交瘤单抗
粒细胞	CD11b	M1/70	65672-1-TR	重组大鼠单抗
			65130-1-Ig	杂交瘤单抗
	CD11c	N418	65602-1-MR	重组小鼠单抗
			2.4G2	65080-1-Ig
	CD16/CD32	93	65057-1-Ig	杂交瘤单抗
			1A8	65078-1-Ig
	Ly-6G	HK1.4	65296-1-Ig	杂交瘤单抗
			65669-1-TR	重组大鼠单抗
	Ly-6G/Ly-6C (Gr-1)	RB6-8C5	65140-1-Ig	杂交瘤单抗
			242141B11	98284-1-RR
红细胞	Ly-6G	241842G3	Neutrophil elastase	98197-1-RR
			FceR1a	98289-1-RR
	CXCR2	242766G3	98353-4-RR	重组兔单抗
			Glycophorin A/CD235a	242129D10
	TER-119	TER-119	65149-1-Ig	杂交瘤单抗
			390	65058-1-Ig
内皮细胞	CD31	242041B5	98258-1-RR	重组兔单抗
			240249D10	98049-1-RR
	ICAM-1/CD54	YN1/1.7.4	65066-1-Ig	杂交瘤单抗
			FcA98065	FcZero-rAb™
	E-selectin/CD62E	240700D4	98065-1-RR	重组兔单抗
			MJ7/18	65048-1-Ig
	Endoglin/CD105	242305E7	98290-1-RR	重组兔单抗
			VE-cadherin/CD144	241953D4
	Tie-2/CD202b	241753F12	FcA98219	FcZero-rAb™
			98219-1-RR	重组兔单抗
细胞因子	VEGFR2/CD309	240214D7	FcA98027	FcZero-rAb™
			98027-2-RR	重组兔单抗
	PLVAP	MECA-32	65214-1-Ig	杂交瘤单抗
			65664-1-TR	重组大鼠单抗
	CXCL1	240268D2	98047-1-RR	重组兔单抗
			242007G5	98259-1-RR
	CXCL2	242741F10	98397-2-RR	重组兔单抗
			242737D4	98417-2-RR
	CXCL5	242737D4	98417-2-RR	重组兔单抗
			GM-CSF	230286E11
造血干细胞	IFN-beta	240230B6	98014-1-RR	重组兔单抗
			98082-1-RR	重组兔单抗
	IFN-gamma	240262C9	98045-1-RR	重组兔单抗
			IFN gamma	XMG1.2
	IL-1 alpha	240431G10	98052-1-RR	重组兔单抗
			IL-1 beta	241364B3
	IL-1 beta	241364B3	98179-1-RR	重组兔单抗
			IL-2	240358A2
	IL-2	240358A2	98055-1-RR	重组兔单抗
			11B11	65074-1-Ig
造血干细胞	IL-4	242736G8	98360-2-RR	重组兔单抗
			242075A7	98352-1-RR
	IL-5	242075A7	98352-1-RR	重组兔单抗
			240701E8	98089-1-RR
	IL-6	230037C9	98004-1-RR	重组兔单抗
			C17.8	65097-1-Ig
	IL-12/IL-23 p40	C17.8	65097-1-Ig	杂交瘤单抗
			2C14	98003-1-RR
	IL-13	230285B3	98036-1-RR	重组兔单抗
			230038C7	98005-1-RR
造血干细胞	IL-17A	230026G6	98019-1-RR	重组兔单抗
			242880F4	98431-2-RR
	IL-17F	230026G6	98019-1-RR	重组兔单抗
			230267G7	98015-1-RR
	IL-19	242880F4	98431-2-RR	重组兔单抗
			230267G7	98015-1-RR
	IL-21	242139G12	98392-1-RR	重组兔单抗
			242247E2	98388-1-RR
	IL-28A	242247E2	98388-1-RR	重组兔单抗
			MCP-1/CCL2	230483A9
造血干细胞	CCL3	241695B10	98028-1-RR	重组兔单抗
			98194-1-RR	重组兔单抗

Mouse				
类别	靶标名称	克隆	裸抗货号	抗体类型
其他	APRIL/TNFSF13	241666F9	98331-2-RR	重组免单抗
	CD1d	1B1	65242-1-Ig	杂交瘤单抗
	CD11a	M17/4	65177-1-Ig	杂交瘤单抗
			65670-1-TR	重组大鼠单抗
	CD18	M18/2	65178-1-Ig	杂交瘤单抗
			65671-1-TR	重组大鼠单抗
	CD30/TNFRSF8	241710B4	98209-1-RR	重组免单抗
	CD30 Ligand/TNFSF8	241012G10	98113-1-RR	重组免单抗
		240732A5	98081-1-RR	重组免单抗
	CD48	HM48-1	65227-1-Ig	杂交瘤单抗
			98436-3-RR	重组免单抗
	CD53	250105D10	98228-1-RR	重组免单抗
	CD55	241808D11	FcA98118	重组免单抗
	NCAM1/CD56	240936A4		FcZero-rAb™
	CEACAM1/CD66a	241856H5	98118-1-RR	重组免单抗
			98185-1-RR	重组免单抗
	CD70	241553F2	98212-1-RR	重组免单抗
	CD71	Ri7217	65289-1-Ig	杂交瘤单抗
			65654-1-TR	重组大鼠单抗
	CD74	242122F6	98272-1-RR	重组免单抗
			98425-3-RR	重组免单抗
	CD81	EAT2	65220-1-Ig	杂交瘤单抗
	CD84	240903B8	98076-1-RR	重组免单抗
	uPAR/CD87	242976A9	98424-3-RR	重组免单抗
	Fas/CD95	241229C11	98135-1-RR	重组免单抗
	CD98/SLC3A2	241247F1	FcA98128	FcZero-rAb™
			98128-1-RR	重组免单抗
	Nectin-2/CD112	241798A11	98231-1-RR	重组免单抗
			FcA98231	FcZero-rAb™
	CSF2RA/CD116	241889A5	98196-1-RR	重组免单抗
	IFNGR1/CD119	241832H4	98201-1-RR	重组免单抗
	TNFR2/CD120b	240200D4	98021-1-RR	重组免单抗
	IL-4RA/CD124	242262F10	98276-1-RR	重组免单抗
	CD126/IL-6R alpha	230371A7	98024-1-RR	重组免单抗
			FcA98024	FcZero-rAb™
	PDGFR alpha/CD140a	242025B3	98256-1-RR	重组免单抗
	PDGFR beta/CD140b	241754F6	FcA98207	FcZero-rAb™
			98207-1-RR	重组免单抗
	Tissue Factor/CD142	240875G1	98114-1-RR	重组免单抗
	CD147	241852B4	98229-1-RR	重组免单抗
	IL-3RB/CD131	241954C1	98232-1-RR	重组免单抗
	SLAM/CD150	242631G1	98348-1-RR	重组免单抗
	CD155/PVR	240731B1	98077-1-RR	重组免单抗
	CD157	241822H1	98213-1-RR	重组免单抗
	CD164	242986C2	98419-3-RR	重组免单抗
	SIRP Alpha/CD172a	241794D9	98225-1-RR	重组免单抗
	CD200	240391A6	98039-1-RR	重组免单抗
			OX90	65230-1-Ig
	CD200R1	241453E7	98155-1-RR	重组免单抗
	EPCR/CD201	241853A7	98248-1-RR	重组免单抗
	CD229/SLAMF3	242312D12	98274-1-RR	重组免单抗
	TWEAKR/CD266	241646F11	98382-2-RR	重组免单抗
	BTLA/CD272	242133A1	98246-2-RR	重组免单抗
	PD-L2/CD273	241728D8	98241-1-RR	重组免单抗
	PD-L1/CD274	240993E1	10F9G2	65073-1-Ig
			98166-1-RR	重组免单抗
	ICOSLG/B7-H2/CD275	240243G5	FcA98166	FcZero-rAb™
			98058-1-RR	重组免单抗
	B7-H3/CD276	MJ18	65221-1-Ig	杂交瘤单抗
	TLR4/CD284	230463C7	FcA98018	FcZero-rAb™
			98018-1-RR	重组免单抗
	CD302	242893C3	98434-2-RR	重组免单抗
	SLAMF7/CD319	242629G1	98342-1-RR	重组免单抗
	CD324 (E-cadherin)	241282C1	DECMA-1	65241-1-Ig
			98140-1-RR	重组免单抗
	TREM-1/CD354	240219H1	98022-1-RR	重组免单抗
	CRTAM/CD355	250055A1	98420-3-RR	重组免单抗
	CLEC12A/CD371	242620B12	98357-1-RR	重组免单抗
	gp130/IL6ST	242236B6	98275-1-RR	重组免单抗
	Integrin beta-7	FIB504	65213-1-Ig	杂交瘤单抗
	JAM3	242630E6	98393-2-RR	重组免单抗
			98224-1-RR	重组免单抗
	Ki-67	241768E2	98224-1-RR	重组免单抗
			FcA98224	FcZero-rAb™
	LPAM-1	DATK32	65101-1-Ig	杂交瘤单抗
	HER2/ErbB2	241366E6	98153-1-RR	重组免单抗
			FcA98153	FcZero-rAb™
	IL-1R2	242602C1	98347-1-RR	重组免单抗
	IL-13RA2	242742C4	98407-3-RR	重组免单抗
	IL-15RA	242618B9	98406-2-RR	重组免单抗
	LAIR1	242226E10	98286-1-RR	重组免单抗
	MMP9	230069F1	98396-1-RR	重组免单抗
	NGFR/TNFRSF16	242634B10	98391-2-RR	重组免单抗
	OX40L/TNFSF4	242227B1	98381-1-RR	重组免单抗
	SDC2	242939A12	98399-1-RR	重组免单抗

Rat				
类别	靶标名称	克隆	裸抗货号	抗体类型
白细胞共同抗原	CD45	OX1	65228-1-Ig	杂交瘤单抗
T细胞	CD4	241955C11	FcA98252	FcZero-rAb™
	CD8a	OX-8	98252-1-RR	重组兔单抗
			65180-1-Ig	杂交瘤单抗
			65577-1-MR	重组小鼠单抗
	CD43	W3/13	FcA65577	FcZero-rAb™
			FcA65607	FcZero-rAb™
			65607-1-MR	重组小鼠单抗
	CD45RA	OX-33	65237-1-Ig	杂交瘤单抗
			65234-1-Ig	杂交瘤单抗
65578-1-MR			FcZero-rAb™	
自然杀伤细胞	NKp46/NCR1	241811E9	98250-1-RR	重组兔单抗
	KLRB1/CD161	241840F3	98249-1-RR	重组兔单抗
巨噬细胞	CD11b	OX42	FcA65606	FcZero-rAb™
	CD80	3H5	65606-1-MR	重组小鼠单抗
			65229-1-Ig	杂交瘤单抗
			65217-1-Ig	杂交瘤单抗
	CD86	24F	65580-1-MR	重组小鼠单抗
造血干细胞	CD90	241388F3	65224-1-Ig	杂交瘤单抗
间充质干细胞	ICAM-1/CD54	240725C2	98162-1-RR	重组兔单抗
	CD44	241648F8	FcA98060	FcZero-rAb™
			98060-1-RR	重组兔单抗
细胞因子	IFN-gamma	6K20	98208-1-RR	重组兔单抗
	IL-1 beta	241001F11	98001-1-RR	重组兔单抗
	IL-2	240264C7	98310-2-RR	重组兔单抗
			98046-1-RR	重组兔单抗
	IL-4	241249H7	FcA98046	FcZero-rAb™
其他	CD324 (E-cadherin)	242018A7	98255-1-RR	重组兔单抗
	MMP8	242473B12	98323-1-RR	重组兔单抗
	NGFR/TNFRSF16	242465H4	98361-3-RR	重组兔单抗
	VEGFR1/Flt-1	242311D5	98369-1-RR	重组兔单抗
	Fas Ligand/CD178	242892G9	98418-2-RR	重组兔单抗
			98430-1-RR	重组兔单抗

Rabbit				
类别	靶标名称	克隆	裸抗货号	抗体类型
B细胞	242570A11	CD19	98351-1-MR	重组免单抗
T细胞	242568D11	CD3	98349-1-MR	重组免单抗

其他			
靶标名称	克隆	裸抗货号	抗体类型
GGGG Linker	98262-1-RR	242306C8	重组免单抗

同型对照			
类型	抗体名称	克隆	裸抗货号
Rabbit IgG	FcZero-rAb™ Rabbit IgG Isotype Control Recombinant Antibody	240953C9	FcA98136
	Rabbit IgG Isotype Control Recombinant Antibody		98136-1-RR
Mouse IgG1	Mouse IgG1 Isotype Control Monoclonal Antibody	1F8D3	66360-1-Ig
	Mouse IgG1 Isotype Control Monoclonal Antibody	MOPC-21	65124-1-Ig
Mouse IgG2a	Mouse IgG2a Isotype Control Monoclonal Antibody	11A1B2	66360-2-Ig
	Mouse IgG2a Isotype Recombinant Antibody	MOPC-173	65571-1-MR
	Mouse IgG2a Isotype Control Monoclonal Antibody		65244-1-Ig
Mouse IgG2b	Mouse IgG2a Isotype Control Monoclonal Antibody	C1.18.4	65208-1-Ig
	Mouse IgG2b Isotype Control Monoclonal Antibody	11B8C4	66360-3-Ig
	Mouse IgG2b Isotype Control Monoclonal Antibody	MPC-11	65128-1-Ig
Mouse IgG3	Mouse IgG3 Isotype control Monoclonal Antibody	1H4A5	66360-4-Ig
Mouse IgM, λ	Mouse IgM Isotype Control Monoclonal Antibody	MOPC-104E	65243-1-Ig
Rat IgG1	Rat IgG1 Isotype Control Monoclonal Antibody	HRPN	65212-1-Ig
Rat IgG2a	Rat IgG2a Isotype Control Monoclonal Antibody	2A3	65209-1-Ig
	Rat IgG2a Isotype Control Recombinant Antibody	250862A1	98427-1-TR
Rat IgG2b	Rat IgG2b Isotype Control Monoclonal Antibody	LTF-2	65211-1-Ig
Armenian Hamster	Armenian Hamster IgG Isotype Control Monoclonal Antibody	PIP	65210-1-Ig

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Proteintech Group, USA,
5400 Pearl Street, Suite 300,
Rosemont, IL 60018, USA
t. 1-888-478-4522
e. proteintech@ptglab.com

Proteintech Europe,
Manchester Science Park, Kilburn House,
Lloyd Street North, Manchester, M15 6SE
t. (+44)-161-22-66-144
e. europe@ptglab.com

San Ying Biotechnology, China,
D3-3, No.666 Gaoxin Avenue, Wuhan East Lake
Hi-tech Development Zone, Wuhan, P.R.C.
t. 86-27-87531629
e. Proteintech-CN@ptglab.com