

For Research Use Only

Anti-Human CD11b (ICRF44) Mouse IgG2a Recombinant Antibody



Catalog Number: 65582-1-MR

Basic Information

Catalog Number: 65582-1-MR	GenBank Accession Number: BC096346	Purification Method: Protein A purification
Size: 100ug, 1 mg/ml	GeneID (NCBI): 3684	CloneNo.: ICRF44
Source: Mouse	ENSEMBL Gene ID: ENSG00000169896	
Isotype: IgG2a	Full Name: integrin, alpha M (complement component 3 receptor 3 subunit)	
	Calculated MW: 1152 aa, 127 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α / β heterodimer with CD18 (integrin β 2). CD11b/CD18 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PMID: 9558116; 20008295). CD11b/CD18 is a receptor for the complement protein fragment iC3b, and is also a receptor for fibrinogen, factor X and ICAM1 (PMID: 2971974; 15485828).

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

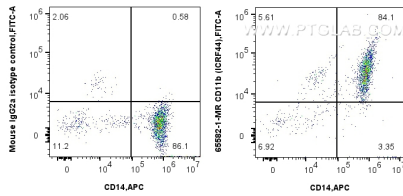
T: 4006900926

E: Proteintech-CN@ptglab.com

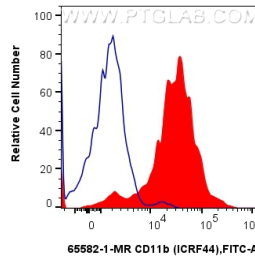
W: ptgcn.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD11b Mouse IgG2a Recombinant Antibody (65582-1-MR, Clone: ICRF44) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were then stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. Monocytes were gated.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD11b Mouse IgG2a Recombinant Antibody (65582-1-MR, Clone: ICRF44)(red) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) (blue) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. Monocytes were gated.