

For Research Use Only

FcZero-rAb™ Biotin Anti-Human CD11b (ICRF44) Rabbit IgG Recombinant Antibody

Catalog Number: Biotin-FcA65582



Basic Information

Catalog Number:	Biotin-FcA65582	GenBank Accession Number:	BC096346	Purification Method:	Protein A purification
Concentration:	100ug, 500 ug/ml	GenID (NCBI):	3684	CloneNo.:	ICRF44
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000169896	Recommended Dilutions:	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	UNIPROT ID:	P11215	Excitation/Emission maxima wavelengths:	-
		Full Name:	integrin, alpha M (complement component 3 receptor 3 subunit)		
		Calculated MW:	1152 aa, 127 kDa		

Applications

Tested Applications:	FC, ELISA	Positive Controls:	
Species Specificity:	human	FC : human PBMCs,	

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

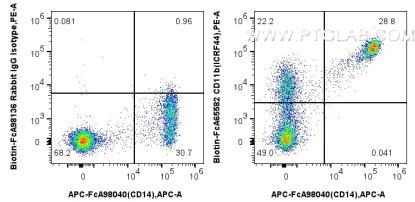
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

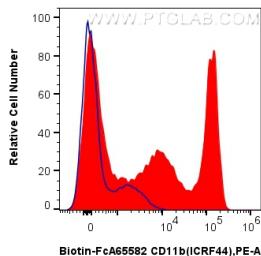
W: ptgcn.com

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Selected Validation Data



1×10^6 human PBMCs were surface stained with APC Anti-Human CD14, and 0.25 Biotin Anti-Human CD11b (ICRF44) Rabbit IgG RecAb (Biotin-FcA65582, Clone: ICRF44) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.



1×10^6 human PBMCs were surface stained with 0.25 Biotin Anti-Human CD11b (ICRF44) Rabbit IgG RecAb (Biotin-FcA65582, Clone: ICRF44) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.