

For Research Use Only

FcZero-rAb™ PE-Cyanine5 Anti-Mouse CD11b (M1/70) Rabbit IgG Recombinant Antibody

Catalog Number: PY5-FcA65672



Basic Information

Catalog Number:	PY5-FcA65672	GenBank Accession Number:	BC156991	Purification Method:	Protein A purification
Size:	100ug , 200 ug/ml	GenelD (NCBI):	16409	CloneNo.:	M1/70
Source:	Rabbit	UNIPROT ID:	E9Q604	Recommended Dilutions:	FC: 0.1 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	Full Name:	integrin alpha M	Excitation/Emission maxima wavelengths:	496 nm, 565 nm / 666 nm
		Calculated MW:	127 kDa		

Applications

Tested Applications:	Positive Controls:
FC	FC : mouse bone marrow cells,
Species Specificity:	

human, mouse, rabbit, monkey, guinea pig, non-human primates

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).

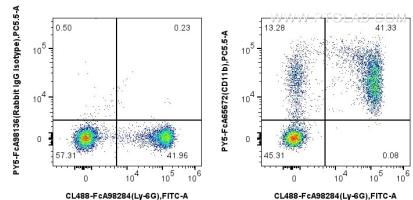
Storage

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

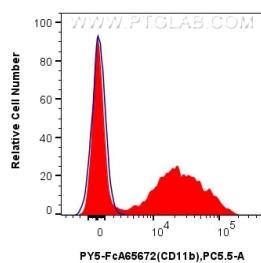
For technical support and original validation data for this product please contact:
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in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FcZero-rAb™ Coralite® Plus 488 Anti-Mouse Ly-6G, and 0.1 ug PE-Cyanine5 Anti-Mouse CD11b (M1/70) Rabbit IgG RecAb (PY5-FcA65672, Clone:M1/70) or FcZero-rAb™ PE-Cyanine5 Rabbit IgG Isotype Control Recombinant Antibody (PY5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.1 ug PE-Cyanine5 Anti-Mouse CD11b (M1/70) Rabbit IgG RecAb (PY5-FcA65672, Clone:M1/70) (red) or FcZero-rAb™ PE-Cyanine5 Rabbit IgG Isotype Control Recombinant Antibody (PY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.