

For Research Use Only

PE Anti-Mouse CD11b (M1/70)

Catalog Number: PE-65055

3 Publications



Basic Information

Catalog Number:

PE-65055

Size:

100ug, 0.2 mg/ml

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC156991

GeneID (NCBI):

16409

UNIPROT ID:

E9Q604

Full Name:

integrin alpha M

Calculated MW:

127 kDa

Purification Method:

Affinity purification

CloneNo.:

M1/70

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Cited Applications:

IF, FC

Species Specificity:

Mouse, Human

Cited Species:

mouse

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 $\beta 2$). 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Lishi Jie	39615215	Phytomedicine	IF
Jiao Guo	38827172	Bioact Mater	IF
Xiangxiu Chen	36724642	Biomed Pharmacother	FC

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.

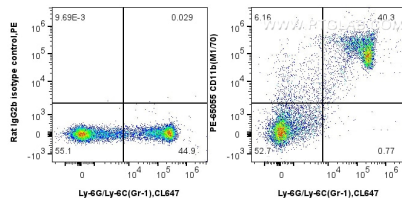
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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 0.2 ug PE Anti-Mouse CD11b (M1/70) (PE-65055, Clone:M1/70) or 0.2 ug PE Rat IgG2b Isotype Control (LTF-2) (PE-65211, Clone: LTF-2), and 0.2 ug CoraLite® Plus 647 Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) (CL647-65140, Clone: RB6-8C5). Cells were not fixed.