

For Research Use Only

Anti-Mouse CD11b (M1/70)

Catalog Number: 65055-1-Ig **2 Publications**



Basic Information

Catalog Number:

65055-1-Ig

Size:

500ug, 0.5 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:

Protein G purification

CloneNo.:

M1/70

Recommended Dilutions:

FC: 0.2 ug per 10⁶ cells in 100 µl suspension

Applications

Tested Applications:

FC

Cited Applications:

IF, FC

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

FC : mouse bone marrow cells,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Wenxuan Xu	36134371	Nanoscale Adv	FC
Yibo Xu	38158110	Eur J Pharmacol	IF

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

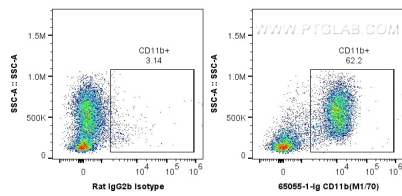
For technical support and original validation data for this product please contact:

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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 Anti-Mouse CD11b (65055-1-Ig, Clone: M1/70) or 0.2 ug Isotype Control. Cells were not fixed.