

For Research Use Only

Anti-Mouse CD11b (M1/70), PBS Only

Catalog Number: 65055-1-PBS



Basic Information

Catalog Number:

65055-1-PBS

Concentration:

100ug, 2mg/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

Applications

Tested Applications:

FC

Species Specificity:

human, 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 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

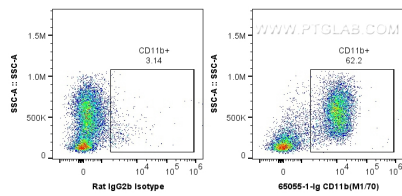
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E: Proteintech-CN@ptglab.com

W: ptgcn.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 Anti-Mouse CD11b (65055-1-Ig, Clone: M1/70) or 0.2 ug Isotype Control. Cells were not fixed. This data was developed using the same antibody clone with 65055-1-PBS in a different storage buffer formulation.