

For Research Use Only

# Biotin Anti-Mouse CD11b (M1/70)

Catalog Number: **Biotin-65055**



## Basic Information

Catalog Number:

Biotin-65055

Size:

100ug , 500 µg/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

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated  $\alpha$  and  $\beta$  subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an  $\alpha/\beta$  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).

## 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.

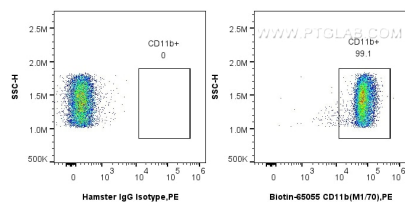
For technical support and original validation data for this product please contact:

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

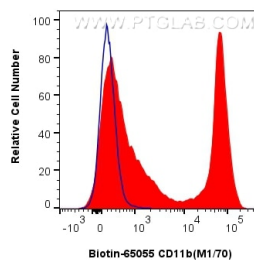
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.5 ug Biotin Anti-Mouse CD11b (M1/70) (Biotin-65055, Clone: M1/70) and SA-PE, or 0.5 ug Isotype Control. Cells were not fixed.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.5 ug Biotin Anti-Mouse CD11b (M1/70) (Biotin-65055, Clone: M1/70) and SA-PE, or 0.5 ug Isotype Control. Cells were not fixed.