

For Research Use Only

# Biotin Anti-Mouse CD11b (M1/70)

Catalog Number: Biotin-65055



## Basic Information

Catalog Number: Biotin-65055	GenBank Accession Number: BC156991	Purification Method: Affinity purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 16409	CloneNo.: M1/70
Source: Rat	UNIPROT ID: E9Q604	
Isotype: IgG2b, kappa	Full Name: integrin alpha M	
	Calculated MW: 127 kDa	

## 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:

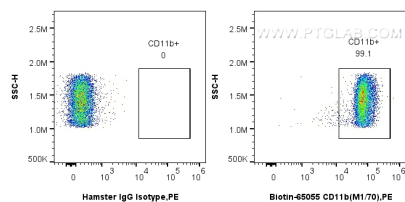
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

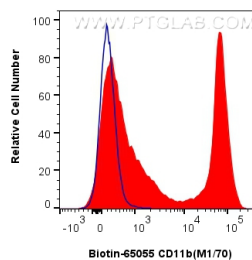
W: [ptgcn.com](http://ptgcn.com)

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## 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.



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