

For Research Use Only

# Anti-Mouse CD11b (M1/70)

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



## Basic Information

<b>Catalog Number:</b> 65055-1-Ig	<b>GenBank Accession Number:</b> BC156991	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 500ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 16409	<b>CloneNo.:</b> M1/70
<b>Source:</b> Rat	<b>UNIPROT ID:</b> E9Q604	
<b>Isotype:</b> IgG2b, kappa	<b>Full Name:</b> integrin alpha M	
	<b>Calculated MW:</b> 127 kDa	

## Applications

**Tested Applications:**  
FC

**Cited Applications:**  
IF, FC

**Species Specificity:**  
human, mouse

**Cited Species:**  
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).

## Notable Publications

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

## Storage

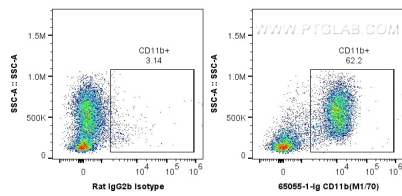
**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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## Selected Validation Data



1X10<sup>6</sup> 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.