For Research Use Only

# Anti-Mouse CD11b (M1/70) Rat IgG2a Recombinant Antibody

Catalog Number:65672-1-TR

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## Basic Information

Catalog Number:
65672-1-TR

Size:
100ug , 1000 μg/ml

Source:
Rat

Isotype:
IgG2a

GenBank Accession Number:
BC156991

GeneID (NCBI):
16409

Full Name:
integrin alpha M

Calculated MW:
127 kDa

Purification Method:
Protein A purification

CloneNo.:
M1/70

## Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : mouse bone marrow cells,

## Background Information

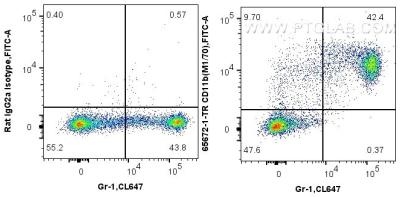
Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α/β heterodimer with CD18 (integrin β2). CD11b/CD18 is implicated 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

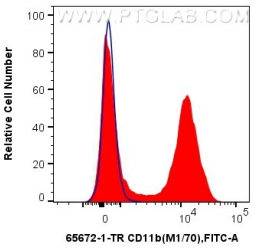
Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

## Selected Validation Data




1x10^6 mouse bone marrow cells were surface stained with 0.5 ug Anti-Mouse CD11b (M1/70) Rat IgG2a RecAb (65672-1-TR, Clone: M1/70) or Rat IgG2a Isotype Control Recombinant Antibody (98427-1-TR, Clone: 250862A1), and FITC anti-Rat IgG2a antibody. Cells were co-stained with CoraLite® Plus 647 Anti-Mouse Ly-6G (CL647-98284: 242141B11). Cells were not fixed.




1x10^6 mouse bone marrow cells were surface stained with 0.5 ug Anti-Mouse CD11b (M1/70) Rat IgG2a RecAb (65672-1-TR, Clone: M1/70) (red) or Rat IgG2a Isotype Control Recombinant Antibody (98427-1-TR, Clone: 250862A1) (blue), and FITC anti-Rat IgG2a antibody. Cells were not fixed.