

For Research Use Only

CoraLite® Plus 555 Anti-Mouse CD11b (M1/70) Rat IgG2a Recombinant Antibody

Catalog Number: CL555-65672



Basic Information

Catalog Number:
CL555-65672

Size:
100ug, 500 ug/ml

Source:
Rat

Isotype:
IgG2a

GenBank Accession Number:
BC156991

GeneID (NCBI):
16409

UNIPROT ID:
E9Q604

Full Name:
integrin alpha M

Calculated MW:
127 kDa

Purification Method:
Protein A purification

CloneNo.:
M1/70

Recommended Dilutions:
FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:
554 nm / 570 nm

Applications

Tested Applications:
FC

Species Specificity:
human, mouse, rabbit, monkey, guinea pig, non-human primates

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 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).

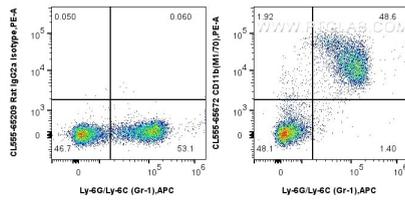
Storage

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

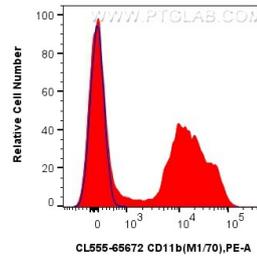
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 APC Anti-Mouse Ly-6G/Ly-6C and 0.25 ug CoraLite® Plus 555 Anti-Mouse CD11b (M1/70) Rat IgG2a RecAb (CL555-65672, Clone:M1/70) or CoraLite® Plus 555 Rat IgG2a Isotype Control (2A3) (CL555-65209, Clone: 2A3). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 555 Anti-Mouse CD11b (M1/70) Rat IgG2a RecAb (CL555-65672, Clone:M1/70) (red) or CoraLite® Plus 555 Rat IgG2a Isotype Control (2A3) (CL555-65209, Clone: 2A3) (blue). Cells were not fixed.