For Research Use Only

# FcZero-rAb® CoraLite® Plus 555 Anti-Mouse CD11b (M1/70) Rabbit Recombinant Antibody

Catalog Number:CL555-FcA65672

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Antibodies | ELISA kits | Proteins
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## Basic Information

Catalog Number:
CL555-FcA65672

Concentration:
100ug, 500 ug/ml

Source:
Rabbit

Isotype:
IgG

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 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
554 nm / 570 nm

## Applications

Tested Applications:
FC

Species Specificity:
human, mouse, rabbit, cynomolgus monkey, guinea pig

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).

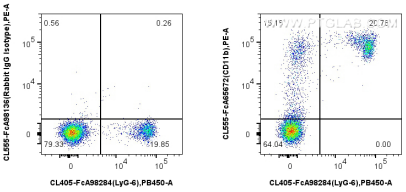
## Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

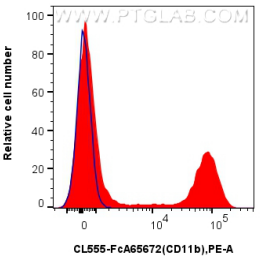
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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## Selected Validation Data




1x10^6 mouse bone marrow cells were surface stained with FcZero-rAb® CoraLite® Plus 405 Anti-Mouse Ly-6G, and 0.25 ug CoraLite® Plus 555 Anti-Mouse CD11b (M1/70) Rabbit RecAb (CL555-FcA65672, Clone: M1/70) or 0.25 ug FcZero-rAb® CoraLite® Plus 555 Rabbit IgG Isotype Control Recombinant Antibody (CL555-FcA98136, Clone: 240953C9). Cells were not fixed.




1x10^6 mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 555 Anti-Mouse CD11b (M1/70) Rabbit RecAb (CL555-FcA65672, Clone: M1/70) (red) or 0.25 ug FcZero-rAb® CoraLite® Plus 555 Rabbit IgG Isotype Control Recombinant Antibody (CL555-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.