

For Research Use Only

# FcZero-rAb® CoraLite® Plus 750 Anti-Human CD11b (ICRF44) Rabbit Recombinant Antibody

Catalog Number: CL750-FcA65582



## Basic Information

Catalog Number:

CL750-FcA65582

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC096346

GeneID (NCBI):

3684

ENSEMBL Gene ID:

ENSG00000169896

UNIPROT ID:

P11215

Full Name:

integrin, alpha M (complement component 3 receptor 3 subunit)

Calculated MW:

1152 aa, 127 kDa

Purification Method:

Protein A purification

CloneNo.:

ICRF44

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

## 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 and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

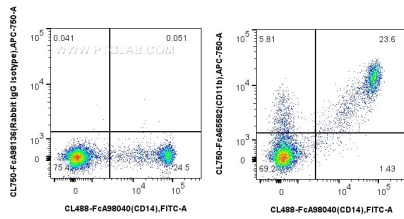
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

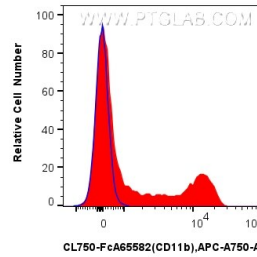
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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb® CoraLite® Plus 488 Anti-Human CD14 Rabbit Recombinant Antibody (CL488-FcA98040, Clone: 230332D7), and 5 ul CoraLite® Plus 750 Anti-Human CD11b (ICRF44) Rabbit RecAb (CL750-FcA65582, Clone: ICRF44) or CoraLite® Plus 750 Rabbit IgG Isotype Control Recombinant Antibody (CL750-98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 750 Anti-Human CD11b (ICRF44) Rabbit RecAb (CL750-FcA65582, Clone: ICRF44) (red) or CoraLite® Plus 750 Rabbit IgG Isotype Control Recombinant Antibody (CL750-98136, Clone: 240953C9) (blue). Cells were not fixed.