

For Research Use Only

Anti-Human CD11b Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98785-2-PBS



Basic Information

Catalog Number:

98785-2-PBS

Size:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10485

GenBank Accession Number:

GeneID (NCBI):

3684

ENSEMBL Gene ID:

ENSG00000169896

Full Name:

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

Purification Method:

Protein A purification

CloneNo.:

252751B5

Applications

Tested Applications:

FC

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

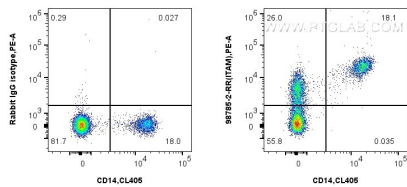
For technical support and original validation data for this product please contact:

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

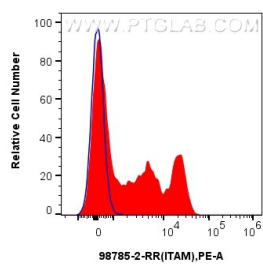
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human ITAM Rabbit RecAb (98785-2-RR, Clone:252751B5) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 405 Anti-Human CD14 Rabbit Recombinant Antibody (CL405-98040, Clone: 230332D7). Cells were incubated with FC Receptor Block prior to staining. Cells were



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human ITAM Rabbit RecAb (98785-2-RR, Clone:252751B5) (red) and PE-Conjugated Goat Anti-Rabbit IgG(H+L), and 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98785-2-PBS in a different storage buffer formulation.