

For Research Use Only

Anti-Human CD18 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98790-1-PBS



Basic Information

Catalog Number:

98790-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

3689

ENSEMBL Gene ID:

ENSG00000160255

UNIPROT ID:

P05107

Full Name:

integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)

Purification Method:

Protein A purification

CloneNo.:

260057A1

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD18, also known as integrin beta-2, is a transmembrane protein that forms heterodimers with CD11a, CD11b, CD11c, CD11d (PMID: 1968349). CD11a/CD18 (LFA-1) is expressed by all leukocytes, while CD11b/CD18 (Mac-1) and CD11c/CD18 (p150,95) are normally restricted to expression on monocytes, macrophages, polymorphonuclear lymphocytes (PMNs), and natural killer cells (PMID: 1968349; 3109455; 10946284). CD18 plays an important role in mediating cell adhesion during immune response and defects of CD18 cause leukocyte adhesion deficiency (PMID: 3594570).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

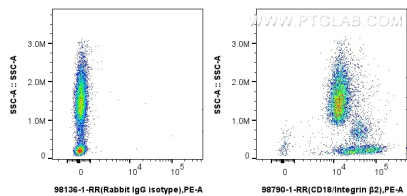
T: 4006900926

E: Proteintech-CN@ptglab.com

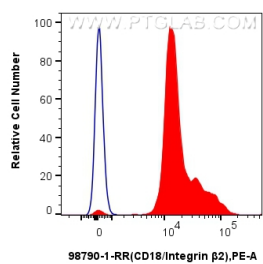
W: ptgcn.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD18 Rabbit RecAb (98790-1-RR, Clone: 260057A1) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98790-1-PBS in a different storage buffer formulation.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD18 Rabbit RecAb (98790-1-RR, Clone: 260057A1) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98790-1-PBS in a different storage buffer formulation.