

For Research Use Only

Anti-Human CD16b Rabbit Recombinant Antibody

Catalog Number: 98192-1-RR



Basic Information

Catalog Number:

98192-1-RR

Size:

100ug, 1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

2215

Full Name:

Fc fragment of IgG, low affinity IIIb, receptor (CD16b)

Purification Method:

Protein A purification

CloneNo.:

241713E3

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD16 is a low affinity Fc receptor. It has been identified as Fc receptors Fc γ RIIIa (CD16a) and Fc γ RIIIb (CD16b), encoded by two nearly identical genes, FCGR3A and FCGR3B. In humans, Fc γ RIIIa/CD16a is a type I transmembrane receptor expressed on macrophages and NK cells. Fc γ RIIIb/CD16b is a GPI-linked Fc-receptor highly expressed on neutrophils. The two proteins differ by only four amino acid residues in the mature proteins (PMID: 30361439).

Storage

Storage:

Store at 2 - 8°C. 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:

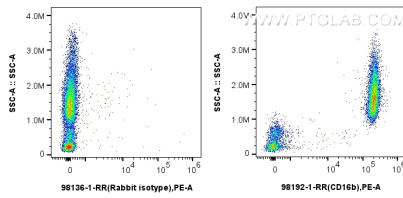
T: 4006900926

E: Proteintech-CN@ptglab.com

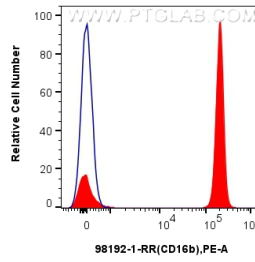
W: ptgcn.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD16b Rabbit Recombinant Antibody (98192-1-RR, Clone:241713E3) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD16b Rabbit Recombinant Antibody (98192-1-RR, Clone:241713E3) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.