

For Research Use Only

Biotin Anti-Human CD16b Rabbit Recombinant Antibody

Catalog Number: Biotin-98192



Basic Information

Catalog Number:

Biotin-98192

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2487

GenBank Accession Number:

GeneID (NCBI):

2215

Full Name:

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

Purification Method:

Protein A purification

CloneNo.:

241713E3

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

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Applications

Tested Applications:

FC, ELISA

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

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. 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:

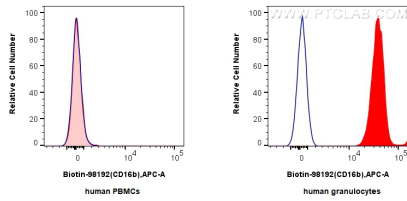
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs or human granulocytes were surface stained with 0.25 ug Biotin Anti-Human CD16b Rabbit RecAb (Biotin-98192, Clone: 241713E3) (red) or 0.25 ug Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-98136, Clone: 240953C9) (blue), and Streptavidin-CoraLite® Plus 647 Conjugate (CL647-PF00030). Cells were not fixed.