For Research Use Only

FcZero-rAb® Biotin Anti-Human CD15 Rabbit Recombinant Antibody

Catalog Number:Biotin-FcA98616

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
Biotin-FcA98616

Size:
100ug , 500 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:
Protein A purification

CloneNo.:
252342A1

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
-

Applications

Tested Applications:
FC, ELISA

Species Specificity:
human

Positive Controls:

FC : human peripheral blood leukocytes,

Background Information

CD15, also known as stage-specific embryonic antigen-1 (SSEA-1) or Lewis X (LeX), is a cell surface glycan consisting of a trisaccharide with the structure Galβ1-4[Fucα1-3]GlcNAc (PMID: 18953356). CD15 is expressed on most terminally differentiated myeloid cells, including neutrophils, eosinophils, monocytes, macrophages, mast cells, and Langerhans cells. It has also been shown to be expressed on stem cells and progenitors in the embryonic and adult nervous system, Hodgkin's lymphoma cells, and cells from a variety of solid cancers (PMID: 19185848). CD15 acts as a ligand for selectins in transendothelial migration and is involved in phagocytosis and chemotaxis (PMID: 1362195).

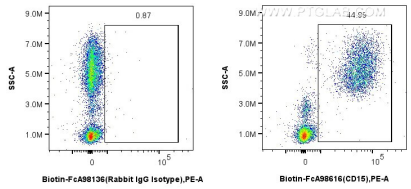
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, 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
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Selected Validation Data



1x10^6 human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human CD15 Rabbit RecAb (Biotin-FcA98616, Clone: 252342A1) or 0.25 ug FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.