

For Research Use Only

# Anti-Human CD15 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98616-1-PBS



## Basic Information

Catalog Number:

98616-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

252342A1

## Applications

Tested Applications:

FC

Species Specificity:

human

## 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  $\text{Gal } \beta \text{ 1-4[Fuc } \alpha \text{ 1-3]GlcNAc}$  (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 -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:

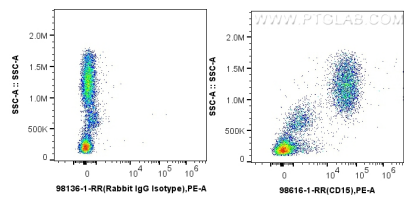
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

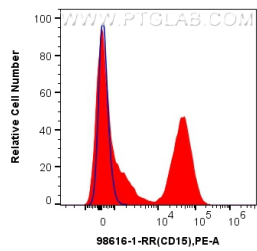
W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD15 Rabbit RecAb (98616-1-RR, Clone: 252342A1) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98616-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD15 Rabbit RecAb (98616-1-RR, Clone: 252342A1) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98616-1-PBS in a different storage buffer formulation.