

For Research Use Only

# FcZero-rAb™ Biotin Anti-Human CD93 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98337



## Basic Information

Catalog Number:

Biotin-FcA98337

Size:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2794

GenBank Accession Number:

NM\_012072.3

GeneID (NCBI):

22918

UNIPROT ID:

Q9NPY3

Full Name:

CD93 molecule

Calculated MW:

69 kDa

Purification Method:

Protein A purification

CloneNo.:

242464E6

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

-

## Applications

Tested Applications:

FC, ELISA

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

## Background Information

CD93, also known as C1qR or C1qR(p), is a single-pass type I transmembrane glycoprotein and a member of the group 14 of the C-type lectin-like domain (CTLD) superfamily, which also includes endosialin/CD248, thrombomodulin, and CLEC14A (PMID: 31287944). CD93 consists of a C-type lectin-like domain, five EGF-like repeats, a mucin-like domain, a transmembrane domain and a cytoplasmic domain (PMID: 28912033). CD93 is mainly expressed on endothelial cells and has been reported to be expressed by neurons and various cells of the hematopoietic system, including monocytes, neutrophils, B cells, natural killer cells, platelets and hematopoietic stem cells (PMID: 37443812). CD93 plays a role in various physiological processes including angiogenesis, inflammation, and cell adhesion (PMID: 31287944).

## 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

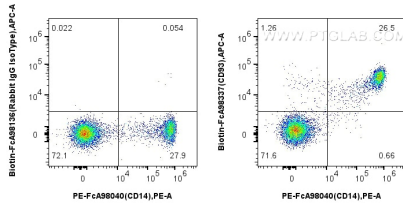
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with PE Anti-Human CD14, and 0.25 ug Biotin Anti-Human CD93 Rabbit RecAb (Biotin-FcA98337, Clone: 242464E6) or Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9), and APC-conjugated streptavidin. Cells were not fixed.