

For Research Use Only

# FcZero-rAb™ Biotin Anti-Human CD84 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98108



## Basic Information

Catalog Number:

Biotin-FcA98108

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC020063

GeneID (NCBI):

8832

UNIPROT ID:

Q9UIB8

Full Name:

CD84 molecule

Calculated MW:

345 aa, 39 kDa

Purification Method:

Protein A purification

CloneNo.:

241345A3

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

CD84, also known as SLAMF5, is a member of the CD2 subfamily of the immunoglobulin receptor superfamily (PMID: 9310491). CD84 is a single-chain type-I glycoprotein composed of two extracellular Ig-like domains, a hydrophobic transmembrane region, and a cytoplasmic domain. It is broadly expressed on almost all leukocyte subsets. CD84 functions as a homophilic adhesion molecule, whose signaling can activate or inhibit leukocyte function depending on the cell type and its stage of activation or differentiation (PMID: 30522694).

## 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:

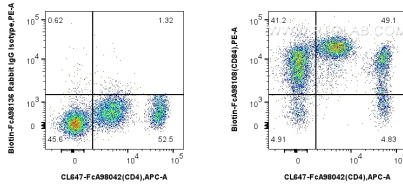
T: 4006900926

E: Proteintech-CN@ptglab.com

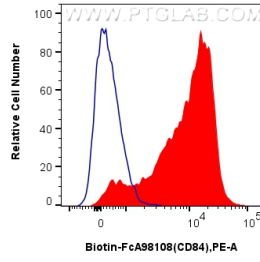
W: ptgcn.com

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug FcZero-rAb™ Biotin Anti-Human CD84 Rabbit RecAb (Biotin-FcA98108, Clone: 241345A3) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb™ CoraLite® Plus 647 Anti-Human CD4 Rabbit Recombinant Antibody (CL647-FcA98042, Clone: 240427E12). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD84 Rabbit RecAb (Biotin-FcA98108, Clone: 241345A3) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.