

For Research Use Only

FcZero-rAb™ Biotin Anti-Human CD81 (5A6) Rabbit IgG Recombinant Antibody

Catalog Number: Biotin-FcA65644



Basic Information

Catalog Number:

Biotin-FcA65644

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002978

GeneID (NCBI):

975

ENSEMBL Gene ID:

ENSG00000110651

UNIPROT ID:

P60033

Full Name:

CD81 molecule

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

5A6

Recommended Dilutions:

FC: 0.25 ug per 10⁶ 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

CD81 (also known as TAPA1 or TSPAN28) is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Many of these members are expressed on leukocytes and have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. CD81 is involved in signal transduction and cell adhesion in the immune system (PMID: 9597125). CD81 has also been identified as an essential receptor for HCV (hepatitis C virus) (PMID: 21428934).

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:

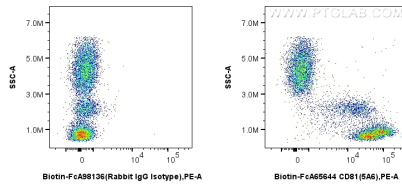
T: 4006900926

E: Proteintech-CN@ptglab.com

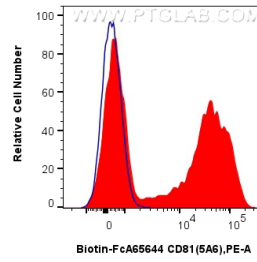
W: ptgcn.com

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

Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human CD81 (5A6) Rabbit IgG RecAb (Biotin-FcA65644, Clone: 5A6) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (Cat.No.: PE-PF00030). Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human CD81 (5A6) Rabbit IgG RecAb (Biotin-FcA65644, Clone: 5A6) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (Cat.No.: PE-PF00030). Cells were not fixed.