

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

**Size:**

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 10<sup>6</sup> cells in a 100 µl suspension

**Excitation/Emission maximum 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

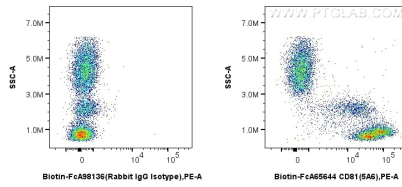
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

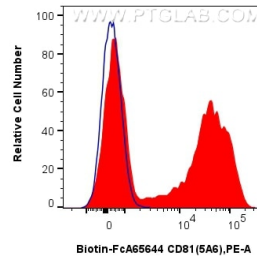
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



1x10<sup>6</sup> 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.



1x10<sup>6</sup> 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.