

# PE Rabbit anti-Human CD81 mAb

**Catalog No.: A27604**

## Basic Information

### Observed MW

### Calculated MW

26kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC74354

### Conjugate

PE. Ex:565nm. Em:574nm.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in 100  $\mu$ l volume

## Background

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. Two transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

### Gene ID

975

### Swiss Prot

P60033

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

S5.7; CVID6; TAPA1; TSPAN28

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

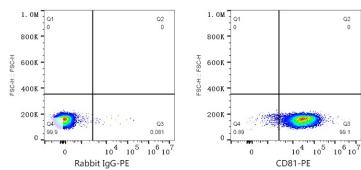
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> Human PBMC were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test, left) or PE Rabbit anti-Human CD81 mAb (A27606,5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.