

# PE Rabbit anti-Human CD27 mAb

Catalog No.: A25936

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC54542-PE

### 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 TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

## Immunogen Information

### Gene ID

939

### Swiss Prot

P26842

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-192 of human CD27 (NP\_001233.2).


### Synonyms

T14; S152; Tp55; TNFRSF7; S152. LPFS2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

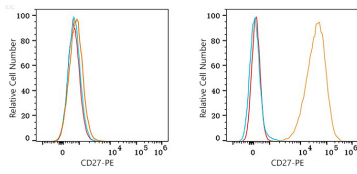
Affinity purification

### Storage

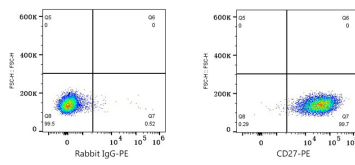
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

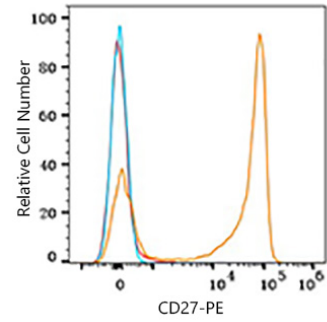
## Validation Data



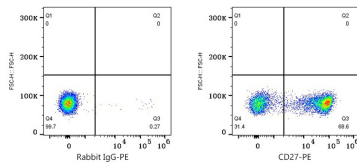
Flow cytometry:  $1 \times 10^6$  HEL cells (negative control, left) and Daudi cells (right) were surface-stained with PE Rabbit anti-Human CD27 mAb (A25936, 5  $\mu$ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Daudi cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human CD27 mAb (A25936, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with PE Rabbit anti-Human CD27 mAb (A25936, 5  $\mu$ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human CD27 mAb (A25936, 5  $\mu$ l/Test, right).