

PerCP/Cyanine5.5 Rabbit anti-Human CD27 mAb

Catalog No.: A27883

Basic Information

Observed MW

Calculated MW

29kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC54542

Conjugate

PerCP-Cy5.5. Ex:482nm. Em:695nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ 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 protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

T14; S152; Tp55; TNFRSF7; S152. LPFS2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

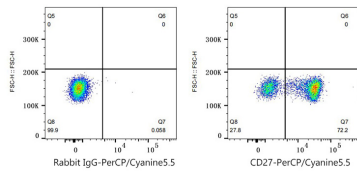
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Human PBMC were surface-stained with PerCP/Cyanine5.5 Rabbit IgG isotype control (A25620,5 $\mu\text{l}/\text{Test}$,left) or PerCP/Cyanine5.5 Rabbit anti-Human CD27 mAb (A27883,5 $\mu\text{l}/\text{Test}$,right). Cells in the lymphocyte gate were used for analysis.