

APC Rabbit anti-Human/Monkey CD27 mAb

Catalog No.: A26177

Basic Information

Observed MW

Refer to figures

Calculated MW

29kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC54542

Conjugate

APC. Ex:650nm. Em:660nm.

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

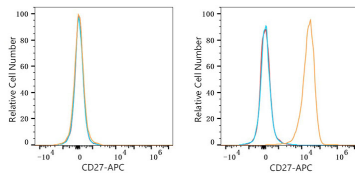
Affinity purification

Storage

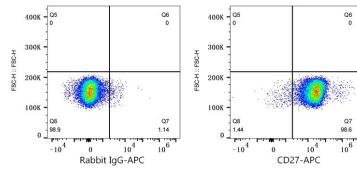
Store at 2-8°C. Avoid freeze.

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

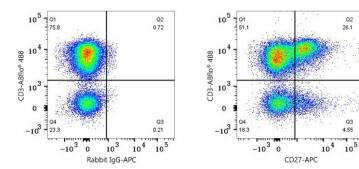
Validation Data



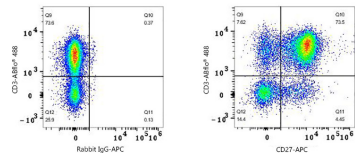
Flow cytometry: 1×10^6 HEL cells (negative control, left) and Daudi cells (right) were surface-stained with APC Rabbit anti-Human CD27 mAb (A26177, 5 μ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Daudi cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Human CD27 mAb (A26177, 5 μ l/Test, right).



Flow cytometry: 1×10^6 Cynomolgus PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD3 mAb (A26283, 5 μ l/Test) and APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Human/Monkey CD27 mAb (A26177, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD3 mAb (A26283, 5 μ l/Test) and APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Human/Monkey CD27 mAb (A26177, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.