

ABflo® 500 Rabbit anti-Human CD27 mAb

Catalog No.: A28017

Basic Information

Observed MW

Calculated MW

29kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC54542

Conjugate

ABflo® 500. Ex:410nm. Em:501nm.

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

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

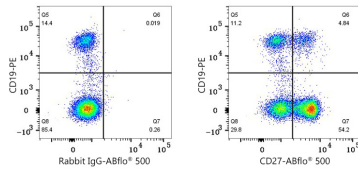
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with PE Rabbit anti-Human/Monkey CD19 mAb (A26609,5 µl/Test) and ABflo® 500 Rabbit IgG isotype control (A25972,5 µl/Test, left) or ABflo® 500 Rabbit anti-Human CD27 mAb (A28017,5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.