

ABflo® 647 Rabbit anti-Dog CD27 mAb

Catalog No.: A22576

Basic Information

Observed MW

Calculated MW

31kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Dog

CloneNo number

ARC55676

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl 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

611674

Swiss Prot

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

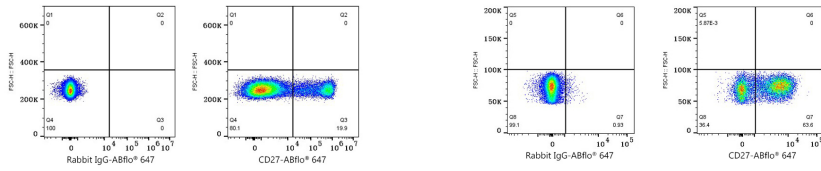
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10⁶ 293F (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Dog CD27 mAb (A22576, 5 µl/Test, right).

Flow cytometry: 1X10⁶ Dog splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Dog CD27 mAb (A22576, 5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.