ABflo® 488 Rabbit anti-Dog CD27 mAb

ABclonal

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Catalog No.: A22575

Basic Information

Observed MW

Calculated MW

31kDa

Category

Primary antibody

Applications

Cross-Reactivity

Dog

CloneNo number

ARC55676

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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 10^6 cells in 100 μl volume

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	Isotype	Purification
Rabbit	IgG	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:1X10^6 293F cells (negative control,left) and 293F(Transfection,right) cells were surface-stained with ABflo® 488 Rabbit anti-Dog CD27 mAb(A22575,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X106 Dog splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Dog CD27 mAb (A22575,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.