

A22576

Leader in Biomolecular Solutions for Life Science



ABflo® 647 Rabbit anti-Dog CD27 mAb

Catalog No.: A22576

Basic Information

Observed MW

Calculated MW
31kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Dog

CloneNo number

ARC55676-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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
611674

Swiss Prot

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-215 of dog ABflo® 647 Rabbit anti-Dog CD27 (XP_038295140.1).

Synonyms

T14; S152; Tp55; TNFRSF7; S152. LPFS2

Contact



www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

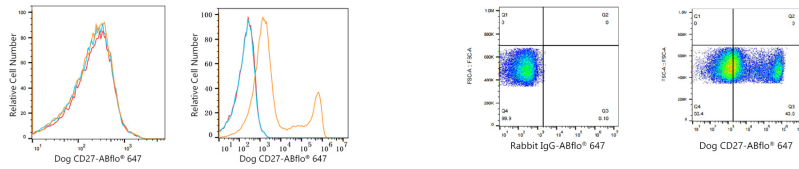
Purification
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 293F cells (negative control, left) and 293F(Transfection, right) cells were surface-stained with ABflo® 647 Rabbit anti-Dog CD27 mAb (A22576, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 293F(Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Dog CD27 mAb (A22576, 5 μ l/Test, right).