

ABflo® 647 Rabbit anti-Human CD70 mAb

Catalog No.: A22303

Basic Information

Observed MW

Refer to figures

Calculated MW

21kDa/23kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC5081-01-ABf647

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 cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

Immunogen Information

Gene ID

970

Swiss Prot

P32970


Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 39-193 of human CD70 (P32970).

Synonyms

CD27L; LPFS3; CD27-L; CD27LG; TNFSF7; TNLG8A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

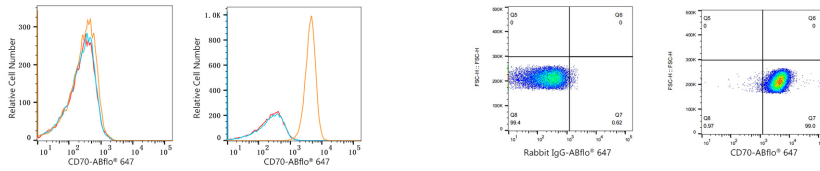
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 293F cells (negative control, left) and Raji cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD70 mAb (A22303, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 2 $\mu\text{g}/\text{mL}$, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Raji cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, left) or ABflo® 647 Rabbit anti-Human CD70 mAb (A22303, 5 $\mu\text{l}/\text{Test}$, right).