

A22302

Leader in Biomolecular Solutions for Life Science



ABflo® 488 Rabbit anti-Human CD70 mAb

Catalog No.: A22302

Basic Information

Observed MW

Calculated MW
21kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC5081-01-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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



www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

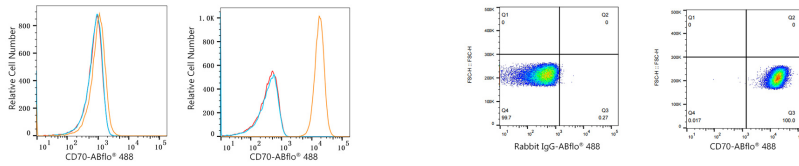
Purification
Affinity purification

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 Raji cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD70 mAb (A22302, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 2 $\mu\text{g}/\text{mL}$, blue line). Non-fluorescently stained cells was used as blank control (red line).

Flow cytometry: 1×10^6 Raji cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 $\mu\text{l}/\text{Test}$, left) or ABflo® 488 Rabbit anti-Human CD70 mAb (A22302, 5 $\mu\text{l}/\text{Test}$, right).