

# ABflo® 488 Rabbit anti-Human CD70 mAb

Catalog No.: A22302

## Basic Information

### Observed MW

### Calculated MW

21kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC5081-01-ABf488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> 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

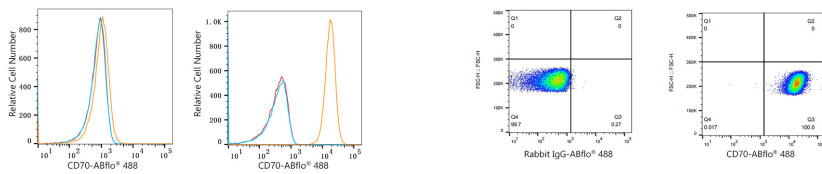
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry: 1X10<sup>6</sup> 293F cells (negative control, left) and Raji cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD70 mAb (A22302, 2 µg/mL, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 2 µg/mL, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> Raji cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µg/Test, left) or ABflo® 488 Rabbit anti-Human CD70 mAb (A22302, 5 µg/Test, right).