

CD70 Rabbit mAb

Catalog No.: A20589 **Recombinant**

Basic Information

Observed MW

21-27kDa

Calculated MW

21kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Human

CloneNo number

ARC5081-01

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

WB 1:500 - 1:2000**FC** 1:100 - 1:800

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; CD70

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

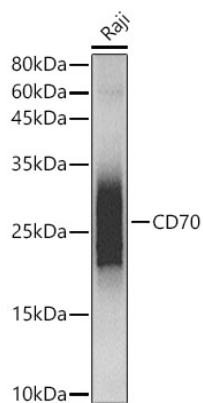
Affinity purification

Storage

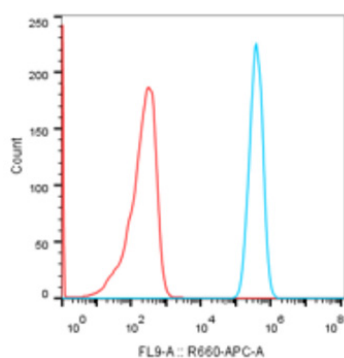
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CD70 antibody (A20589) at dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Flow cytometry: 1×10^6 Raji cells were stained with CD70 Rabbit mAb (A20589, 1 µg/ml Blue line). Non-fluorescently stained Raji cells were used as blank control (red line).