# CD70 Rabbit mAb

Catalog No.: A20589 Recombinant



## **Basic Information**

#### **Observed MW**

21-27kDa

### **Calculated MW**

21kDa

## Category

Primary antibody

### **Applications**

WB,FC,ELISA

### **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 sythesis.

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

FC 1:100 - 1:800

**ELISA** Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**970

Swiss Prot
970

P32970

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

CD27L; LPFS3; CD27-L; CD27LG; TNFSF7; TNLG8A; CD70

## **Contact**

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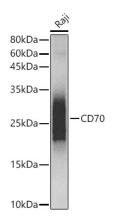
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

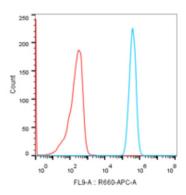


Western blot analysis of various lysates using CD70 Rabbit mAb (A20589) at dilution incubated overnight at  $4^{\circ}$ C.

Secondary antibody: HRP-conjugated 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:  $1\times10^6$  Raji cells were stained with CD70 Rabbit mAb (A20589, 1 ug/ml Blue line) . Non-fluorescently stained Raji cells were used as blank control (red line).