

A2032

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# CD70 Rabbit pAb

Catalog No.: A2032

1 Publications

## Basic Information

### Observed MW

54kDa

### Calculated MW

21kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## 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 - 1:1000                                                                                                              |
| IHC-P  | 1:50 - 1:200                                                                                                                |
| IF/ICC | 1:50 - 1:200                                                                                                                |
| ELISA  | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

### Gene ID

970

### Swiss Prot

P32970

### Immunogen

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

### Synonyms

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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

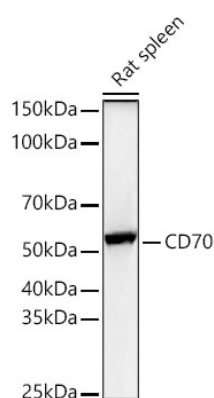
Affinity purification

### Storage

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

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

## Validation Data



Western blot analysis of lysates from Rat spleen using CD70 Rabbit pAb (A2032) at 1:1000 dilution.

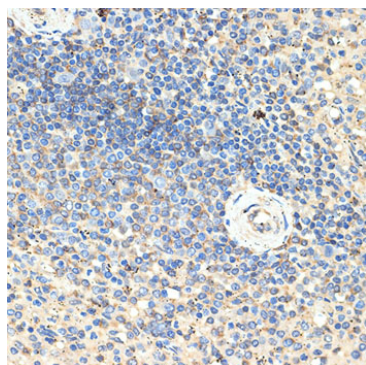
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

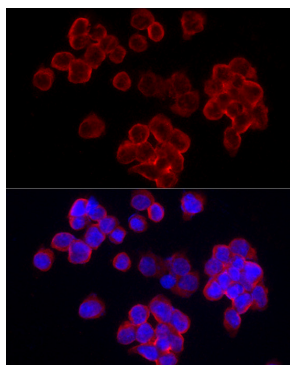
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

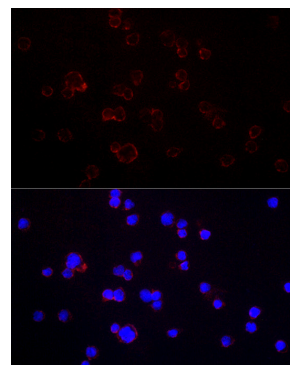
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human spleen using CD70 Rabbit pAb (A2032) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of 293T cells using CD70 Rabbit pAb (A2032) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Raji cells using CD70 Rabbit pAb (A2032) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.