

# CD70 Rabbit Polyclonal Antibody



CAB2032

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

23kDa

### Calculated MW:

21kDa/23kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein 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

### Uniprot

P32970

### Synonyms:

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

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

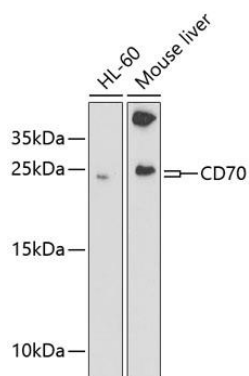
Recombinant fusion protein containing a sequence corresponding to amino acids 39-193 of human CD70 (NP\_001243.1).

### Storage:

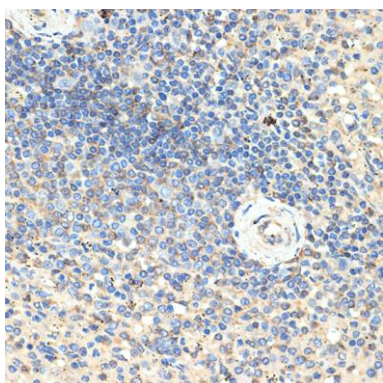
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

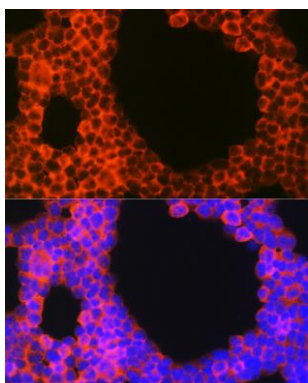
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Western blot analysis of extracts of various cell lines, using CD70 antibody (CAB2032) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human spleen using CD70 Rabbit pAb (CAB2032) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of Jurkat cells using CD70 Rabbit pAb (CAB2032) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.