



# CD70 Polyclonal Antibody

<b>Catalog No</b>	BYab-13909
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CD70
<b>Protein Name</b>	CD70 antigen
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CD70. AA range:68-117
<b>Specificity</b>	CD70 Polyclonal Antibody detects endogenous levels of CD70 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CD70; CD27L; CD27LG; TNFSF7; CD70 antigen; CD27 ligand; CD27-L; Tumor necrosis factor ligand superfamily member 7; CD antigen CD70
<b>Observed Band</b>	30kD
<b>Cell Pathway</b>	Membrane ; Single-pass type II membrane protein .
<b>Tissue Specificity</b>	B-cell,Kidney,
<b>Function</b>	function:Cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.,similarity:Belongs to the tumor necrosis factor family.,subunit:Homotrimer.,
<b>Background</b>	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

Nanjing BYabscience technology Co.,Ltd



regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis. [provided by RefSeq, Jul 2008],

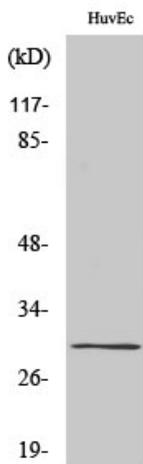
**matters needing attention**

Avoid repeated freezing and thawing!

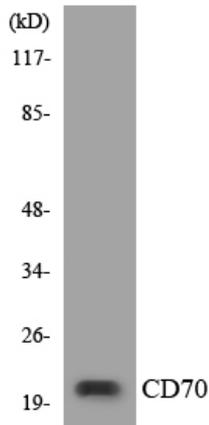
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using CD70 Polyclonal Antibody diluted at 1:2000



Western blot analysis of the lysates from Jurkat cells using CD70 antibody.