

## CD70 Polyclonal Antibody

<b>Catalog No :</b>	YT0774
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CD70
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction
<b>Gene Name :</b>	CD70
<b>Protein Name :</b>	CD70 antigen
<b>Human Gene Id :</b>	970
<b>Human Swiss Prot No :</b>	P32970
<b>Mouse Swiss Prot No :</b>	O55237
<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>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 30kD

**Cell Pathway :** Cytokine-cytokine receptor interaction;

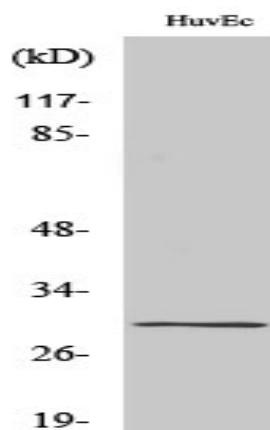
**Background :** The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, 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. [provided by RefSeq, Jul 2008],

**Function :** 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.,

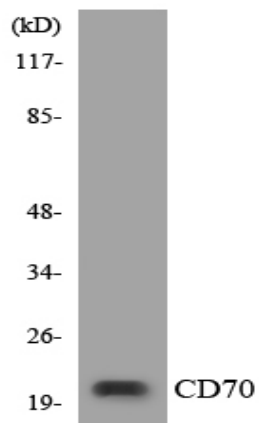
**Subcellular Location :** Membrane ; Single-pass type II membrane protein .

**Expression :** B-cell,Kidney,

## 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.