

Product datasheet for **TA327233**

CD70 Rabbit Polyclonal Antibody

Product data:

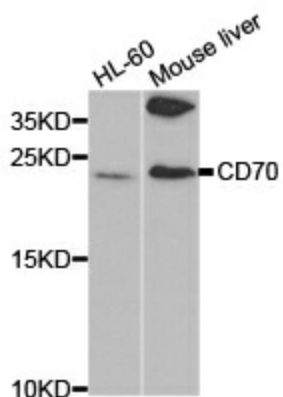
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CD70
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD70 molecule
Database Link:	NP_001243 Entrez Gene 21948 Mouse Entrez Gene 301132 Rat Entrez Gene 970 Human P32970
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.
Synonyms:	CD27L; CD27LG; TNFSF7
Protein Families:	ES Cell Differentiation/IPS, Transmembrane



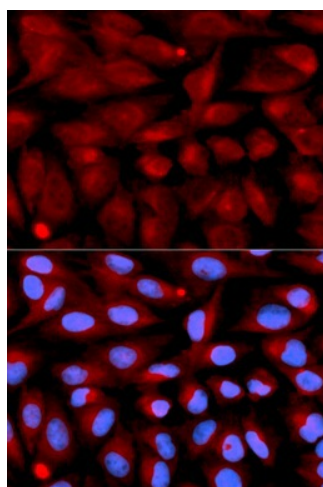
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Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Western blot analysis of extracts of various cell lines, using CD70 antibody.



Immunofluorescence analysis of U2OS cell using CD70 antibody. Blue: DAPI for nuclear staining.