

CD70 Polyclonal Antibody
Catalog # AP68957**Specification**

CD70 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P32970
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CD70 Polyclonal Antibody - Additional Information**Gene ID** 970**Other Names**

CD70; CD27L; CD27LG; TNFSF7; CD70 antigen; CD27 ligand; CD27-L; Tumor necrosis factor ligand superfamily member 7; CD antigen CD70

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD70 Polyclonal Antibody - Protein Information**Name** CD70 ([HGNC:11937](#))**Function**

Expressed at the plasma membrane of B cells, it is the ligand of the CD27 receptor which is specifically expressed at the surface of T cells (PubMed: [28011863](http://www.uniprot.org/citations/28011863), PubMed: [28011864](http://www.uniprot.org/citations/28011864), PubMed: [8387892](http://www.uniprot.org/citations/8387892)). The CD70-CD27 signaling pathway mediates antigen-specific T cell activation and expansion which in turn provides immune surveillance of B cells (PubMed: [28011863](http://www.uniprot.org/citations/28011863), PubMed: [28011864](http://www.uniprot.org/citations/28011864)).

Cellular Location

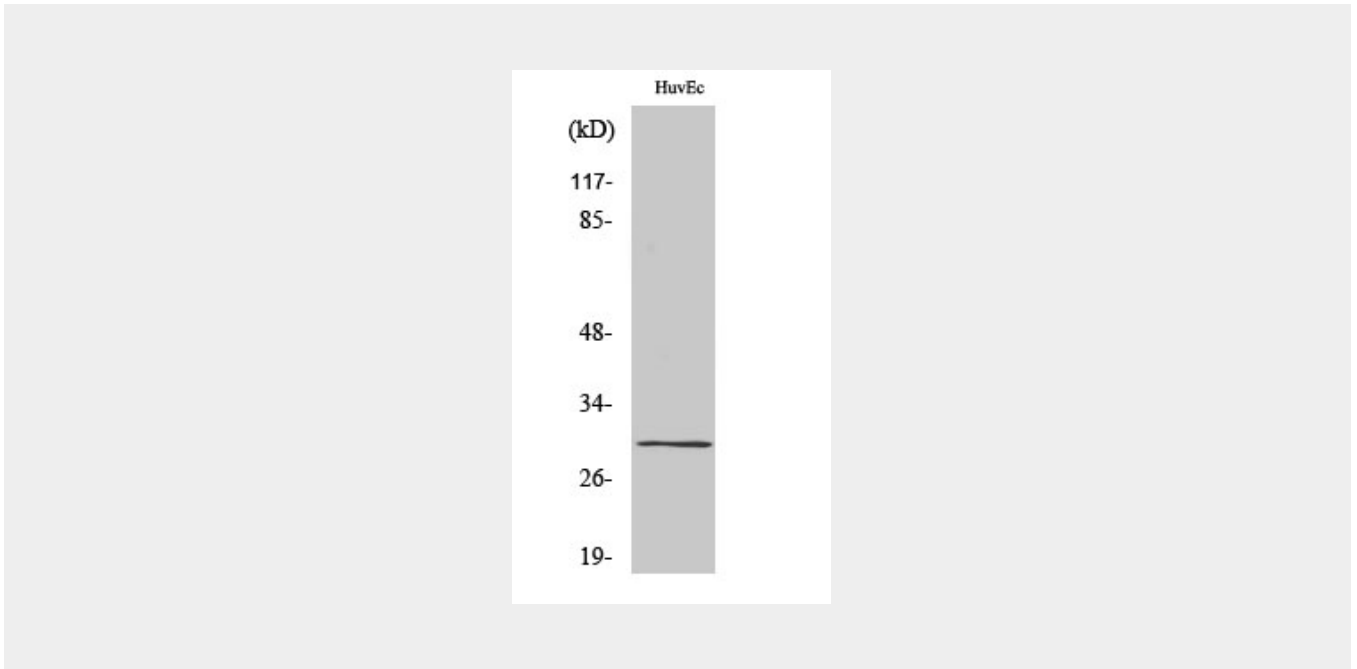
Cell membrane; Single-pass type II membrane protein

CD70 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD70 Polyclonal Antibody - Images



CD70 Polyclonal Antibody - Background

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.