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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℃

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, PubMed:28011864, PubMed: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, PubMed:28011864).

Cellular Location
Cell membrane; Single-pass type II membrane protein

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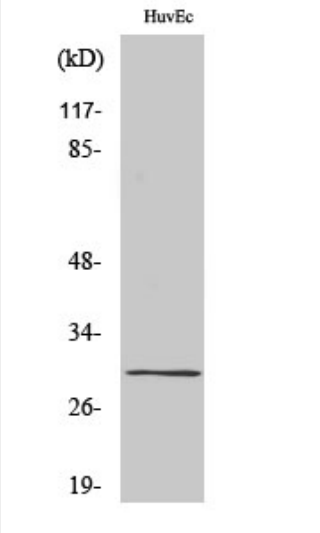
CD70 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.