

CD70 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51058

Product Information

Application	WB, IP
Primary Accession	P32970
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21118

Additional Information

Gene ID	970
Other Names	CD70 antigen, CD27 ligand, CD27-L, Tumor necrosis factor ligand superfamily member 7, CD70, CD70, CD27L, CD27LG, TNFSF7
Dilution	WB~~1:1000 IP~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

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.

References

Goodwin R.G.,et al.Cell 73:447-456(1993).
Bowman M.R.,et al.J. Immunol. 152:1756-1761(1994).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Livingston R.J.,et al.Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.