

Rabbit anti-Human CD70 Polyclonal Antibody | anti-CD70 antibody

CD70 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321922	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

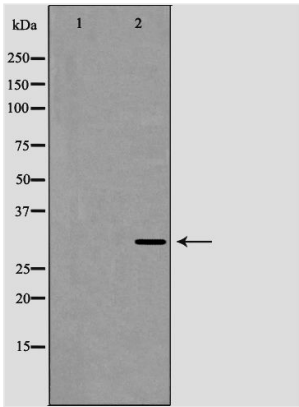
PRODUCT SYNONYMS

CD70; Polyclonal Antibody; CD70 Antibody; CD 27L; CD 70; CD27 L; CD27 LG; CD27 ligand; CD27-L; CD27L; CD27LG; CD70 antigen; CD70 molecule; CD70_HUMAN; Ki 24 antigen; Ki24 antigen; Surface antigen CD70; TNFSF 7; TNFSF7; Tumor necrosis factor (ligand) superfamily; member 7; Tumor necrosis factor ligand superfamily member 7; anti-CD70 antibody

PRODUCT SPECIFICATIONS

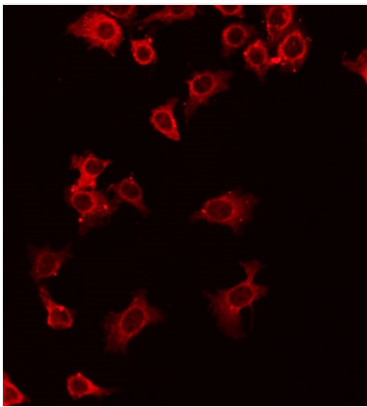
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD70 antibody detects endogenous levels of total CD70
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	193
Applicable Applications for anti-CD70 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD70
Subcellular Location	Membrane.
Predicted Cross Reactivity	Pig
Similarity	Pig (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of CD70 expression in COLO205 cells. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321922 staining HuvEC by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD70 antibody

Description: 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.
Subunit Structure: Homotrimer.
Similarity: Belongs to the tumor necrosis factor family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507605
NCBI GeneID	970
NCBI Accession #	NP_001243.1
NCBI GenBank Nucleotide #	NM_001252.4
UniProt Accession #	P32970; Q53XX4; Q96J57; B4DPR8
Molecular Weight	Observed: 30 kDa Predicted: 22 kDa
NCBI Official Full Name	CD70 antigen isoform 1
NCBI Official Synonym Full Names	CD70 molecule
NCBI Official Symbol	CD70
NCBI Official Synonym Symbols	CD27L; CD27-L; CD27LG; TNFSF7; TNLG8A
NCBI Protein Information	CD70 antigen
UniProt Protein Name	CD70 antigen
UniProt Gene Name	CD70
UniProt Synonym Gene Names	CD27L; CD27LG; TNFSF7; CD27-L

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.