CD70 recombinant antibody

CD70 Recombinant Monoclonal Antibody [BLR176J]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213627	**Rabbit**	**Human**	**Western Blot**

PRODUCT SYNONYMS

CD70; Monoclonal Recombinant Antibody; CD70 Recombinant Monoclonal Antibody [BLR176J]; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor ligand 8A; TNFSF7; Ki-24 antigen; CD27LG; CD27-L; CD27L; CD27 ligand; CD antigen CD70; TNLG8A; CD70 antigen; CD70 molecule; CD70 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR176J
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for CD70 recombinant antibody	WB (Western Blot)
Immunogen	Residues 50-193 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human CD70 by western blot. Samples: Whole cell lysate from HEK293F empty vector cells (10 ug) and CD70 overexpressing HEK293F cells (1 ug). Antibody: Rabbit anti-CD70 recombinant monoclonal antibody (AAA213627 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .

WB (Western Blot)
Detection of human CD70 by western blot. Samples: Whole cell lysate (50 ug) from 786-O, HEK293T, HeLa, and Hs 294T cells. Antibody: Rabbit anti-CD70 recombinant monoclonal antibody (AAA213627 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .

ADDITIONAL INFORMATION

Related Product Information for CD70 recombinant antibody	CD70, a cytokine that belongs to the tumor necrosis factor (TNF) ligand family, is a ligand for TNFRSF27/CD27. CD70 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. CD70 also plays a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin sythesis. [taken from NCBI Entrez Gene (Gene ID: 970)].

Product Categories/Family for CD70 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507605
NCBI GeneID	970
NCBI Accession #	NP_001243.1
NCBI GenBank Nucleotide #	NM_001252.3
UniProt Accession #	P32970; Q96J57
Molecular Weight	21,118 Da
NCBI Official Full Name	CD70 antigen
NCBI Official Synonym Full Names	CD70 molecule
NCBI Official Symbol	CD70
NCBI Official Synonym Symbols	CD27L; CD27LG; TNFSF7
NCBI Protein Information	CD70 antigen; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7
UniProt Protein Name	CD70 antigen
UniProt Gene Name	**CD70**
UniProt Synonym Gene Names	CD27L; CD27LG; TNFSF7; CD27-L
UniProt Entry Name	CD70_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/cd70-recombinant-antibody-clone-blr176j-western-blot-elisa/213627