

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

CD70 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282852	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

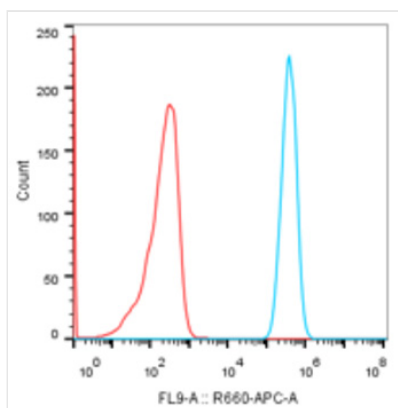
PRODUCT SYNONYMS

CD70; Monoclonal Antibody; CD70 Rabbit mAb; CD27L; LPFS3; CD27-L; CD27LG; TNFSF7; TNLG8A; anti-CD70 antibody

PRODUCT SPECIFICATIONS

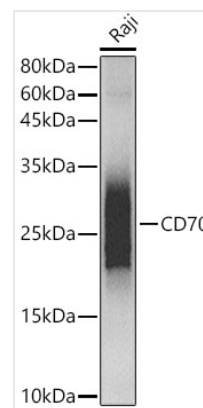
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	QRFAQAQQQL PLESLGWDVA ELQLNHTGPQ QDPRLYWQGG PALGRSFLHG PELDKGQLRI HRDGIYMVHI QVTLAICSST TASRHPTTL AVGICSPASR SISLLRLSFH QGCTIASQRL TPLARGDTLC TNLTGTLLPS RNTDETFEGV QWVRP
Applicable Applications for anti-CD70 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 39-193 of human CD70 (P32970).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry: 1×10^6 Raji cells were stained with CD70 Rabbit mAb (AAA282852, 1 ug/ml Blue line) . Non-fluorescently stained Raji cells were used as blank control (red line).



WB (Western Blot)

Western blot analysis of various lysates using CD70 Rabbit mAb (AAA282852) at dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CD70 antibody	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It 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. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin sythesis.
Product Categories/Family for anti-CD70 antibody	Cancer; Cell Biology Developmental Biology; Apoptosis; Growth factors; Immunology Inflammation; CD _s ; Cytokines; Cell Intrinsic Innate Immunity Signaling Pathway; Stem Cells; Hematopoietic Progenitors; 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	Calculated MW: 21kDa Observed MW: 21-27kDa
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-antibody-flow-cytometry-western-blot-elisa/282852>