

TNFSF7/CD27L/CD70 recombinant antibody

Anti-TNFSF7/CD27L/CD70 Reference Antibody (cusatuzumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296781	CHO Cell	Human, Mouse, Rhesus Macaque, Cynomolgus	Functional Assay, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

TNFSF7/CD27L/CD70; Monoclonal Recombinant Antibody; Anti-TNFSF7/CD27L/CD70 Reference Antibody (cusatuzumab); TNFSF7/CD27L/CD70 recombinant antibody

PRODUCT SPECIFICATIONS

Host	CHO Cell
Reactivity	Human, Mouse, Rhesus Macaque, Cynomolgus
Clonality	Monoclonal
Isotype	IgG1
Specificity	TNFSF7/CD27L/CD70
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for TNFSF7/CD27L/CD70 recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

HL-60 cells were stained with Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC125=0.2727 ug/mL



Application Data

Immobilized human CD70 FC at 4 ug/mL can bind Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab), EC50=0.08279ug/mL



Application Data

The purity of Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab) is more than 95% ,determined by SEC-HPLC.



SDS-PAGE

Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for
TNFSF7/CD27L/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/tnfsf7-cd27l-cd70-recombinant-antibody-functional-assay-flow-cytometry-elisa/296781>