

Rabbit anti-Human CD8B Polyclonal Antibody | anti-CD8B antibody

CD8B Antibody (N-term)

CATALOG # AAA288452	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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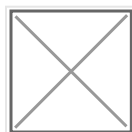
PRODUCT SYNONYMS

CD8B; Polyclonal Antibody; CD8B Antibody (N-term); T-cell surface glycoprotein CD8 beta chain; CD8b; CD8B1; anti-CD8B antibody

PRODUCT SPECIFICATIONS

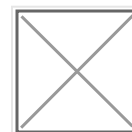
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD8B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the N-terminal region of human CD8B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	64-92
Sequence Length	198
Applicable Applications for anti-CD8B antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of jurkat cells using CD8B Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of anti-CD8B1 Pab in K562 cell line lysates (35ug/lane). CD8B1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8B antibody	The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains.
Product Categories/Family for anti-CD8B antibody	Cancer; Immunology
References	Nakayama,K., J. Immunol. 148 (6), 1919-1927 (1992) Terry,L.A., Tissue Antigens 35 (2), 82-91 (1990) Parnes,J.R.,Adv. Immunol. 44, 265-311 (1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010933
NCBI GeneID	926
NCBI Accession #	NP_001171571.1; NP_004922.1; NP_742099.1; NP_742100.1; NP_757362.1
NCBI GenBank Nucleotide #	NM_001178100.1
UniProt Accession #	P10966; P14860; P14861; Q15980; Q496E0; Q496E1; Q496E2; Q9UDB4; Q9UDB5; Q9UDB6; Q9UDB7; Q9UDB8
Molecular Weight	23722
NCBI Official Full Name	T-cell surface glycoprotein CD8 beta chain isoform 6
NCBI Official Synonym Full Names	CD8b molecule
NCBI Official Symbol	CD8B
NCBI Official Synonym Symbols	LY3; P37; LEU2; LYT3; CD8B1
NCBI Protein Information	T-cell surface glycoprotein CD8 beta chain
UniProt Protein Name	T-cell surface glycoprotein CD8 beta chain
UniProt Gene Name	CD8B
UniProt Synonym Gene Names	CD8B1
UniProt Entry Name	CD8B_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/polyclonal/cd8b-antibody-flow-cytometry-western-blot-elisa/288452>