

Rabbit anti-Human CD8A Polyclonal Antibody | anti-CD8A antibody

CD8A Antibody (N-term)

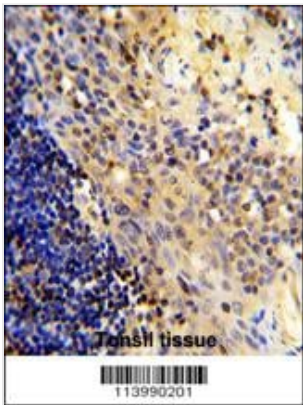
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285218	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

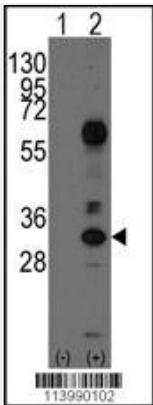
CD8A; Polyclonal Antibody; CD8A Antibody (N-term); T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a; MAL; anti-CD8A antibody

PRODUCT SPECIFICATIONS

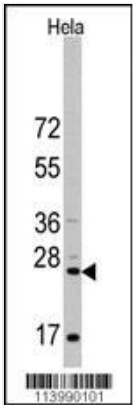
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD8A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-88 amino acids from the N-terminal region of human CD8A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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: 0.38 (varies by lot)
Sequence Positions	59-88
Sequence Length	276
Applicable Applications for anti-CD8A antibody	IHC (Immunohistochemistry), 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.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human tonsil tissue reacted with CD8A Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CD8A(arrow) using rabbit polyclonal CD8A Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CD8A gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of anti-CD8A Antibody (N-term) in HeLa cell line lysates (35ug/lane). CD8A(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8A 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-CD8A antibody	Cancer; Immunology; Signal Transduction
References	Mancebo,E., Mol. Immunol. 45 (2), 479-484 (2008) Zhou,H., Transplant. Proc. 39 (10), 3065-3067 (2007) Borchers,M.T., Exp. Mol. Pathol. 83 (3), 301-310 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	225007536
NCBI GeneID	925
NCBI Accession #	NP_001139345.1; NP_001759.3; NP_741969.1
NCBI GenBank Nucleotide #	NM_001145873.1

UniProt Accession #	P01732; Q13970; Q4ZG17; B4DT80; D6W5M8
Molecular Weight	25729
NCBI Official Full Name	T-cell surface glycoprotein CD8 alpha chain isoform 1
NCBI Official Synonym Full Names	CD8a molecule
NCBI Official Symbol	CD8A
NCBI Official Synonym Symbols	CD8; MAL; p32; Leu2
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	CD8A
UniProt Synonym Gene Names	MAL
UniProt Entry Name	CD8A_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/cd8a-antibody-immunohistochemistry-western-blot-elisa/285218>