

anti-Human CD8 alpha Polyclonal Antibody | anti-CD8 alpha antibody

Anti-CD8 alpha Antibody

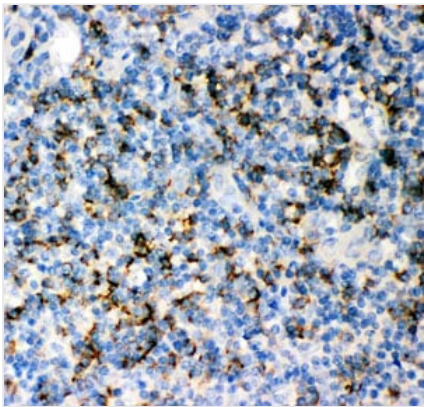
CATALOG # AAA46555	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	----------------------------	---

PRODUCT SYNONYMS

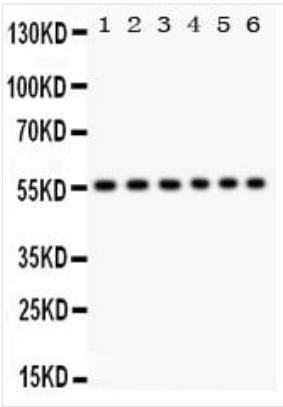
CD8 alpha; Polyclonal Antibody; Anti-CD8 alpha Antibody; T-cell surface glycoprotein CD8 alpha chain; alpha polypeptide (p32); CD 8a; CD8 alpha chain; CD8; CD8 antigen alpha chain; CD8 antigen alpha polypeptide; CD8 antigen alpha polypeptide (p32); CD8a; CD8a antigen; CD8a molecule; CD8A_HUMAN; Leu 2; Leu2; Leu2 T lymphocyte antigen; Ly3; LYT3; MAL; OKT8 T cell antigen; OTTHUMP00000160760; OTTHUMP00000160764; OTTHUMP00000203528; OTTHUMP00000203721; p32; T cell antigen Leu2; T cell co receptor; T cell coreceptor; T cell surface glycoprotein CD8 alpha chain; T lymphocyte differentiation antigen T8/Leu 2; T lymphocyte differentiation antigen T8/Leu2; T-lymphocyte differentiation antigen T8/Leu-2; T8 T cell antigen; T8/Leu-2 T-lymphocyte differentiation antigen; anti-CD8 alpha antibody

PRODUCT SPECIFICATIONS

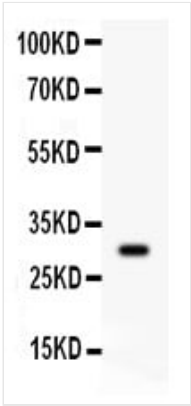
Reactivity	Human
Clonality	Polyclonal
Specificity	No Cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	235
Applicable Applications for anti-CD8 alpha antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CD8 alpha recombinant protein (Position: S22-A187). Human CD8 alpha shares 49% and 47% amino acid (aa) sequence identity with mouse and rat CD8 alpha, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemisry)
Anti- CD 8 alpha Picoband antibody, AAA46555, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti- CD 8 alpha Picoband antibody, AAA46555, Western blottingAll lanes: Anti CD 8 alpha (AAA46555) at 0.5ug/mlLane 1: JURKAT Whole Cell Lysate at 40ugLane 2: RAJI Whole Cell Lysate at 40ugLane 3: HL-60 Whole Cell Lysate at 40ugLane 4: A549 Whole Cell Lysate at 40ugLane 5: COLO320 Whole Cell Lysate at 40ugLane 6: HELA Whole Cell Lysate at 40ugPredicted bind size: 26KDObserved bind size: 55KD



WB (Western Blot)
Anti- CD 8 alpha Picoband antibody, AAA46555, Western blottingAll lanes: Anti CD 8 alpha (AAA46555) at 0.5ug/mlWB: Recombinant Human CD 8 alpha Protein 0.5ngPredicted bind size: 29KDObserved bind size: 29KD

ADDITIONAL INFORMATION

Related Product Information for anti-CD8 alpha antibody	Description: Rabbit IgG polyclonal antibody for T-cell surface glycoprotein CD8 alpha chain(CD8A) detection. Tested with WB, IHC-P in Human. Background: The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. It is mapped to 2p11.2. 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. This gene also encodes the CD8 alpha chain isoforms.
References	1. Bowcock, A. M., Kavathas, P., Margolskee, R. F., Herzenberg, L., Cavalli-Sforza, L. L. An RFLP associated with pcDLeu2-14, a human T-cell differentiation antigen CD8 (Leu2) cDNA mapped to 2p12. Nucleic Acids Res. 14: 7817 only, 1986. 2. "Entrez Gene: CD8A CD8a molecule"

NCBI AND UNIPROT INFORMATION

NCBI GI #	225007536
NCBI GeneID	925

NCBI Accession #	NP_001139345.1
NCBI GenBank Nucleotide #	NM_001145873.1
UniProt Accession #	P01732 ; Q13970 ; Q4ZG17 ; B4DT80 ; D6W5M8
Molecular Weight	30,214 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd8-alpha-antibody-immunohistochemistry-western-blot-elisa/46555>