

Rabbit CD8 alpha Polyclonal Antibody | anti-CD8A antibody

Anti-CD8 alpha Antibody, Rabbit Polyclonal

CATALOG # AAA255273	HOST Rabbit	REACTIVITY Human, Cynomolgus	APPLICATIONS Immunohistochemistry, ELISA
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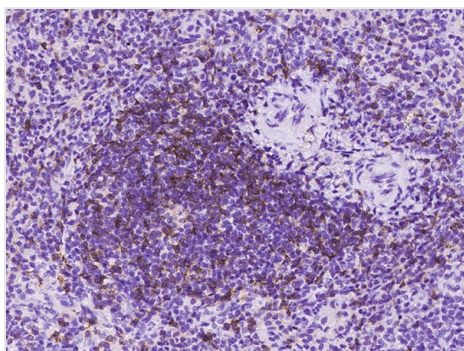
PRODUCT SYNONYMS

CD8 alpha; Polyclonal Antibody; Anti-CD8 alpha Antibody; Rabbit Polyclonal; CD8/CD8 alpha/Leu-2 Antibody; Rabbit PAb; Antigen Affinity Purified; CD8a molecule; Anti-CD8 Antibody; Anti-Leu-2 Antibody; Anti-Leu2 Antibody; Anti-MAL Antibody; Anti-p32 Antibody; Anti-p32 186910 Antibody; anti-CD8A antibody

PRODUCT SPECIFICATIONS

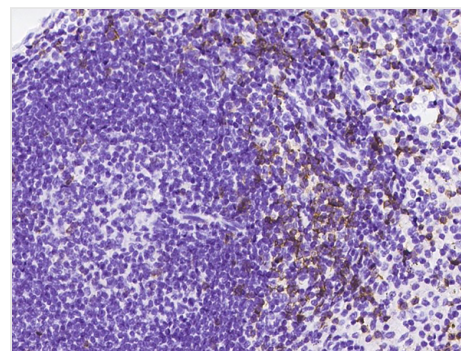
Host	Rabbit
Reactivity	Human, Cynomolgus
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD8 alpha
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD8A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human CD8/CD8 alpha/Leu-2 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CD8/CD8 alpha/Leu-2 (rh CD8/CD8 alpha/Leu-2). CD8/CD8 alpha/Leu-2 specific IgG was purified by Human CD8/CD8 alpha/Leu-2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



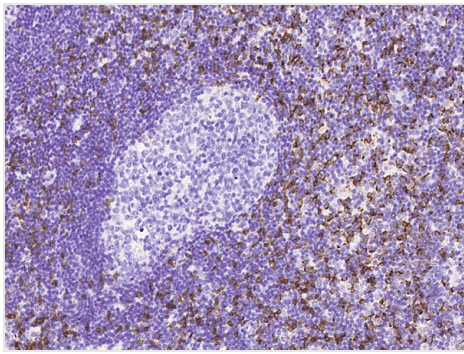
IHC (Immunohistochemistry)

Immunochemical staining CD8A in cynomolgus spleen with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining CD8A in cynomolgus lymph node with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
 Immunochemical staining CD8A in human lymph node with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8A antibody	T-cell surface glycoprotein CD8 alpha chain, also known as CD8a, is a single-pass type I membrane protein. The CD8 glycoprotein is expressed by thymocytes, mature T cells and natural killer (NK) cells and has been implicated in the recognition of monomorphic determinants on major histocompatibility complex (MHC) Class I antigens, and in signal transduction during the course of T-cell activation. Both human and rodent CD8 antigens are comprised of two distinct polypeptide chains, alpha and beta. The Ig domains of CD8 alpha are involved in controlling the ability of CD8 to be expressed. Mutation of B-and F-strand cysteine residues in CD8 alpha reduced the ability of the protein to fold properly and, therefore, to be expressed. Defects in CD8A are a cause of familial CD8 deficiency. Familial CD8 deficiency is a novel autosomal recessive immunologic defect characterized by absence of CD8+ cells, leading to recurrent bacterial infections.
References	References Devine, L. et al., 2000, J Immunol. 164 (2): 833-8. Arcaro, A. et al., 2000, J Immunol. 165 (4): 2068-76. Saha, K. et al., 2001, Nat Med. 7 (1): 65-72. Romero, P. et al., 2005, Eur J Immunol. 35 (11): 3092-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22902134
NCBI GeneID	925
NCBI Accession #	NP_001759.3
NCBI GenBank Nucleotide #	NM_001768.6
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; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte differentiation antigen T8/Leu-2
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-elisa/255273>