

Rabbit anti-Human CD8 beta Monoclonal Antibody | anti-CD8B antibody

Recombinant Anti-CD8 beta Antibody, Rabbit Monoclonal

CATALOG # AAA255302	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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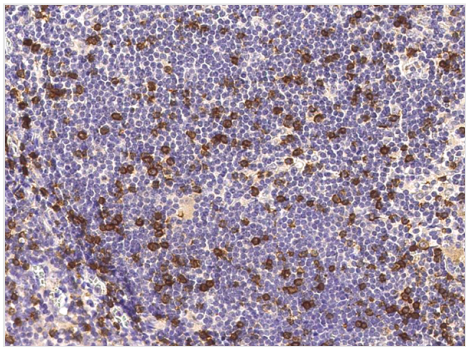
PRODUCT SYNONYMS

CD8 beta; Monoclonal Antibody; Recombinant Anti-CD8 beta Antibody; Rabbit Monoclonal; CD8B/P37/LEU2 Antibody; Rabbit MAb; CD8b molecule; Anti-CD8B1 Antibody; Anti-LEU2 Antibody; Anti-LY3 Antibody; Anti-LYT3 Antibody; Anti-P37 Antibody; anti-CD8B antibody

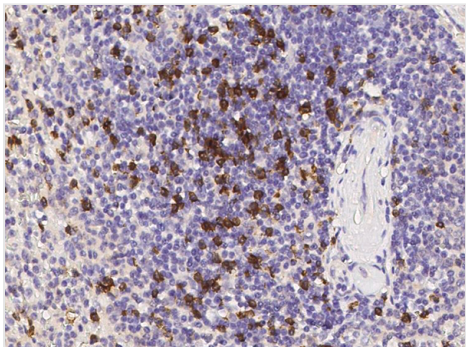
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	039
Specificity	Human CD8B/P37/LEU2
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD8B antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human CD8B/P37/LEU2 Protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD8B/P37/LEU2 (rh CD8B/P37/LEU2).
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 of human CD8B in human lymph node with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human CD8B in human spleen with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CD8B antibody	CD8B (CD8b molecule), also known as P37 and LEU2, contains 1 Ig-like V-type (immunoglobulin-like) domain. 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 antigens 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. P37 gene encodes the CD8 beta chain isoforms. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified. CD8 is thought to play a role in the process of T-cell mediated killing.
References	Leahy DJ, et al. (1992) Crystal structure of a soluble form of the human T cell coreceptor CD8 at 2.6 Å resolution. Cell. 68(6):1145-62.Gao G, et al. (2000) Molecular interactions of coreceptor CD8 and MHC class I: the molecular basis for functional coordination with the T-cell receptor. Immunol Today. 21(12):630-6.Devine L, et al. (1999) Orientation of the Ig domains of CD8 alpha beta relative to MHC class I. J Immunol. 162(2):846-51.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116032
NCBI GeneID	926
UniProt Accession #	P10966; P14860; P14861; Q15980; Q496E0; Q496E1; Q496E2; Q9UDB4; Q9UDB5; Q9UDB6; Q9UDB7; Q9UDB8
Molecular Weight	210
NCBI Official Full Name	T-cell surface glycoprotein CD8 beta chain
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; CD8 antigen, beta polypeptide 1 (p37); T lymphocyte surface glycoprotein 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/monoclonal/cd8-beta-antibody-clone-039-immunohistochemistry-elisa/255302>