

Rabbit anti-Human CD7 Monoclonal Antibody | anti-CD7 antibody

Recombinant Anti-CD7 Antibody, Rabbit Monoclonal

CATALOG # AAA255299	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, ELISA
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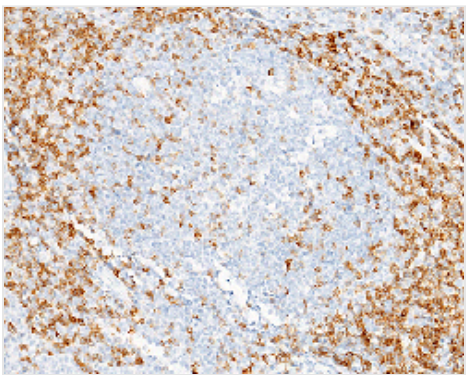
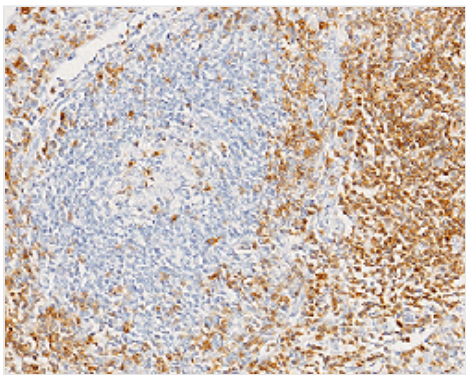
PRODUCT SYNONYMS

CD7; Monoclonal Antibody; Recombinant Anti-CD7 Antibody; Rabbit Monoclonal; CD7/LEU9 Antibody; Rabbit MAb; CD7 molecule; Anti-GP40 Antibody; Anti-LEU-9 Antibody; Anti-Tp40 Antibody; Anti-TP41 Antibody; anti-CD7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	15
Specificity	Human CD7/LEU9
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD7 antibody	IHC (Immunohistochemistry), ELISA, ELISA
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human CD7 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD7/LEU9 (rh CD7).
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 CD7 in human lymphoid node with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to membrane of T cells.

IHC (Immunohistochemistry)
Immunochemical staining of human CD7 in human tonsil with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to membrane of T cells.

ADDITIONAL INFORMATION

Related Product Information for anti-CD7 antibody	The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD7 is a transmembrane protein that is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.
References	Zola H, et al. (2007) CD molecules 2006-human cell differentiation molecules. J Immunol Methods. 318 (1-2): 1-5.Ho IC, et al. (2009) GATA3 and the T-cell lineage: essential functions before and after T-helper-2-cell differentiation. Nat Rev Immunol. 9 (2): 125-35.Matesanz-Isabel J, et al. (2011) New B-cell CD molecules. Immunology Letters.134 (2): 104-12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453613
NCBI GeneID	924
NCBI Accession #	NP_006128.1
NCBI GenBank Nucleotide #	NM_006137.6
UniProt Accession #	P09564
Molecular Weight	25,409 Da
NCBI Official Full Name	T-cell antigen CD7
NCBI Official Synonym Full Names	CD7 molecule
NCBI Official Symbol	CD7
NCBI Official Synonym Symbols	GP40; TP41; Tp40; LEU-9
NCBI Protein Information	T-cell antigen CD7; CD7 antigen (p41); T-cell leukemia antigen; T-cell surface antigen Leu-9; p41 protein
UniProt Protein Name	T-cell antigen CD7
UniProt Gene Name	CD7
UniProt Entry Name	CD7_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://www.aaabiotech.com/monoclonal/cd7-antibody-clone-15-immunohistochemistry-elisa/255299>