

Mouse CD7 Monoclonal Antibody | anti-CD7 antibody

MOUSE ANTI HUMAN CD7:FITC

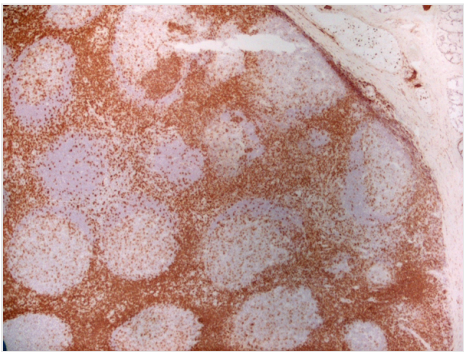
CATALOG #	HOST	APPLICATIONS
AAA11859	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

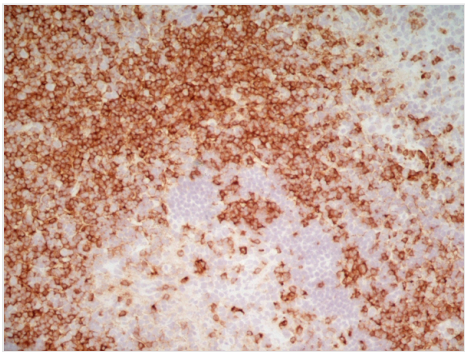
CD7; Monoclonal Antibody; MOUSE ANTI HUMAN CD7:FITC; anti-CD7 antibody

PRODUCT SPECIFICATIONS

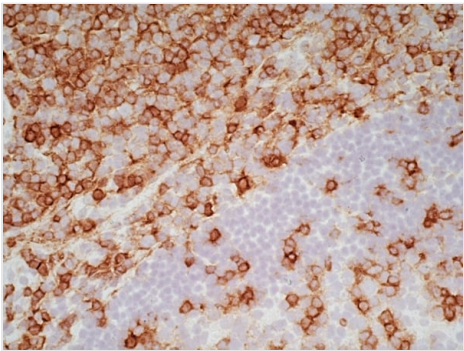
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	LT7
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer I (FITC) - liquid
Concentration	IgG concentration 0.1mg/ml (varies by lot)
Sequence Length	240
Applicable Applications for anti-CD7 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Maximum Dilution: Neat
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	Normal human peripheral blood lymphocytes Fusion Partners
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from the date of despatch.



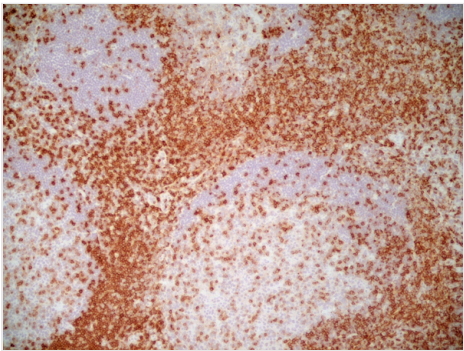
Application Data
Immunoperoxidase staining of a human tonsil cryosection with Mouse anti Human CD7 antibody, clone CT7 followed by Histar Detection system. Low power



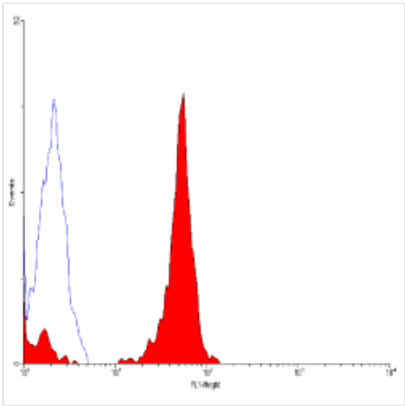
Application Data
Immunoperoxidase staining of a human tonsil cryosection with Mouse anti Human CD7 antibody, clone CT7 followed by Histar Detection system. Medium power



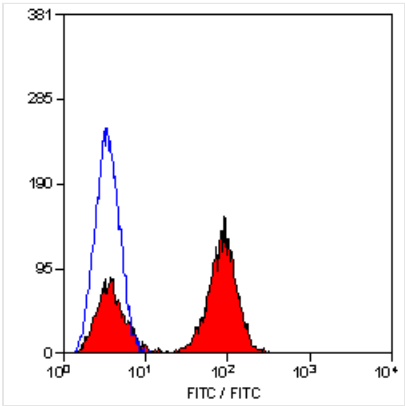
Application Data
Immunoperoxidase staining of a human tonsil cryosection with Mouse anti Human CD7 antibody, clone CT7 followed by Histar Detection system. High power



Application Data
Immunoperoxidase staining of a human tonsil cryosection with Mouse anti Human CD7 antibody, clone CT7 followed by Histar Detection system. Medium power



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD7: FITC



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD7:Biotin

ADDITIONAL INFORMATION

Related Product Information for anti-CD7 antibody	Mouse anti Human CD7 antibody, clone LT7 recognizes the human T-cell antigen CD7, also known as TP41 or CD7. CD7 is a single chain cell surface glycoprotein of 40kD, expressed by T cells, NK cells and thymocytes. CD7 is also expressed by tumor cells in some cases of acute myeloid leukaemia.
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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://stage.aaabiotech.com/monoclonal/cd7-antibody-clone-lt7-flow-cytometry-elisa/11859>