

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

CD7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312066	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

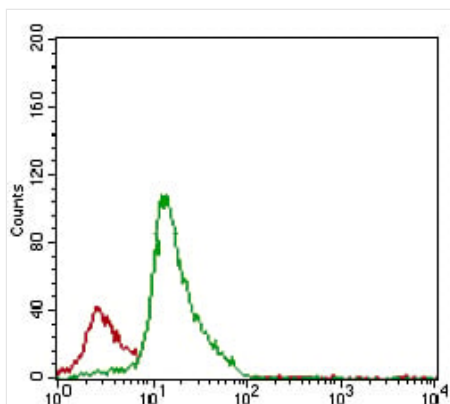
PRODUCT SYNONYMS

CD7; Monoclonal Antibody; CD7 Antibody; CD7 antibody; CD7 antigen (p41) antibody; CD7 antigen antibody; CD7 molecule antibody; CD7_HUMAN antibody; GP40 antibody; LEU 9 antibody; LEU9 antibody; p41 protein antibody; T cell antigen CD7 antibody; T cell leukemia antigen antibody; T cell surface antigen Leu 9 antibody; T-cell antigen CD7 antibody; T-cell leukemia antigen antibody; T-cell surface antigen Leu-9 antibody; Tp 40 antibody; Tp40 antibody; TP41 antibody; anti-CD7 antibody

PRODUCT SPECIFICATIONS

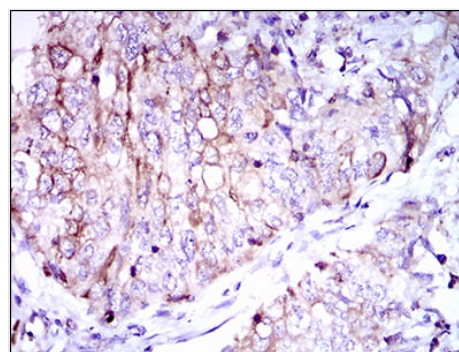
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	F8-D4
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD7 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



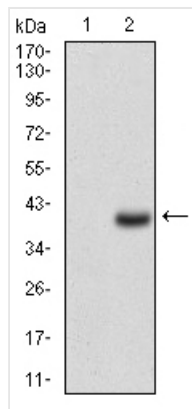
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with CD7 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



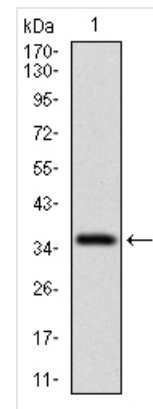
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-CD7 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CD7 on HEK293 (1) and CD7-hlgGfc transfected HEK293 (2) cell lysate using anti-CD7 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of CD7 on human CD7 recombinant protein using anti-CD7 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD7 antibody	CD7 (also designated T cell leukemia antigen) is a type I transmembrane glycoprotein that is expressed on pluripotential hemapoietic cells, most human thymocytes and some peripheral blood T cells. CD7 is a marker for pluripotential stem cell leukemias and T cell acute lymphocytic leukemia. A role for CD7 in the activation of T cells with g/d receptors has been suggested. CD8 T cells from patients infected with HIV-1 displayed profound down-modulation of CD7 expression as compared with healthy subjects. CD7 is among the pan-T-cell antigens down-regulated in acute infectious mononucleosis.
Product Categories/Family for anti-CD7 antibody	Total protein Ab

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-f8-d4-flow-cytometry-immunohistochemistry-western-blot-elisa/312066>