

Mouse anti-Human CD7 Antibody | anti-CD7 antibody

CD7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60517	Mouse	Human	Flow Cytometry, Functional Assay

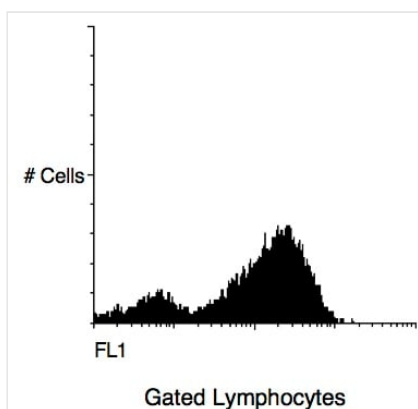
PRODUCT SYNONYMS

CD7; T-cell antigen CD7; GP40; T-cell leukemia antigen; TP41; Leu-9; anti-CD7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG2a
Clone Number	MG34
Purity/Purification	Protein A/G Chromatography
Form/Format	Unconjugated
Sequence Length	240
Applicable Applications for anti-CD7 antibody	FCM/FACS (Flow Cytometry)
Immunogen	CD7=Derived from the hybridization of mouse P3-X63-Ag8.653 myeloma cells with spleen cells of BALB/c mice immunized with T-acute lymphoblastic leukemia (T-ALL) cells.
Product Type	Single-color Reagent
Preparation and Storage	Product should be stored at -20 degree C. Aliquot to avoid freeze/thaw cycles Ship Conditions:Room Temperature Product Stability:Products are stable for one year from purchase when stored properly

IMAGES



FCM/FACS (Flow Cytometry)

Peripheral blood lymphocytes stained with CD7 PE Conjugated Antibody .

ADDITIONAL INFORMATION

Related Product Information for anti-CD7 antibody	Identification of human T lymphocytes in multiple stages of T cell development, including a major subset of mature peripheral T cells. CD7 antigen is often increased on T leukemic cells. The CD7 molecule is a 40,000 M.W. surface antigen that is expressed on T-Lymphoid and myeloid precursors in fetal liver and bone marrow. Applications:PBMC: Add10 ul of MAB/10^6 PBMC in 100 ul PBS. Mix gently and incubate for 15 minutes at 2° to 8° C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. WHOLE BLOOD: Add10 ul of MAB/100 ul of whole blood. Mix gently and incubate for 15 minutes at room temperature 20°C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.
Product Categories/Family for anti-CD7 antibody	Single-Color Reagent; Single Color Markers

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; p41 protein; CD7 antigen (p41); T-cell leukemia antigen; T-cell surface antigen Leu-9
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/mouse-human-antibody/cd7/60517>