

Mouse anti-Human CD2 Monoclonal Antibody | anti-CD2 antibody

CD2

CATALOG # AAA59249	HOST Mouse	REACTIVITY Human
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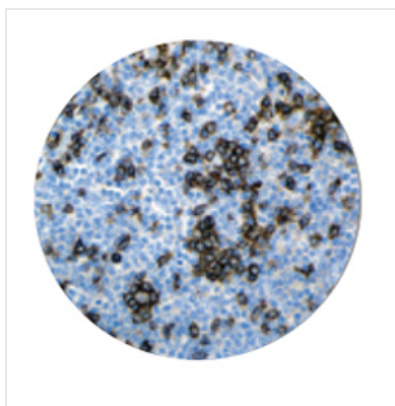
PRODUCT SYNONYMS

CD2; Monoclonal Antibody; anti-CD2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1/K
Clone Number	AB75
Form/Format	CD2 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Tonsil
Localization	Membranous
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:500-1:2000	0.1 ml
Concentrated	1:500-1:2000	0.5 ml
Concentrated	1:500-1:2000	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CD2 antibody	CD2 is a cell-adhesion molecule found on the surface of T-cells and natural killer (NK) cells. It has also been called T-cell surface antigen T11/Leu-5, LFA-2, LFA-3 receptor, erythrocyte receptor and rosette receptor. Due to its structural characteristics, CD2 is a member of the immunoglobulin superfamily; it possesses two immunoglobulin-like domains in its extracellular portion. It interacts with other adhesion molecules, such as lymphocyte function-associated antigen-3 (LFA-3/CD58) in humans, or CD48 in rodents, which are expressed on the surfaces of other cells. In addition to its adhesive properties, CD2 also acts as a co-stimulatory molecule on T and NK cells. CD2 is a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T-cells. It is one of the earliest T-cell markers, being present on more than 95% of thymocytes; it is also found on some natural killer cells but not on B-lymphocytes. CD2 is implicated in the triggering of T-cells; the cytoplasmic domain is implicated in the signaling function. It is useful for the identification of Lymphomas and Leukemias of T-cell origin. As with other pan-T cell antigens, CD2 may be aberrantly deleted in some neoplastic T-cell populations, especially Peripheral T-cell Lymphomas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	306518584
NCBI GeneID	677855
NCBI Accession #	NP_001182402.1
NCBI GenBank Nucleotide #	NM_001195473.1
NCBI Official Full Name	CD2 molecule
NCBI Official Symbol	CD2
NCBI Protein Information	CD2 molecule; cluster of differentiation 2

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/cd2-antibody-clone-ab75-elisa/59249>