

Rabbit anti-Human CD2 Polyclonal Antibody | anti-CD2 antibody

CD2 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162989	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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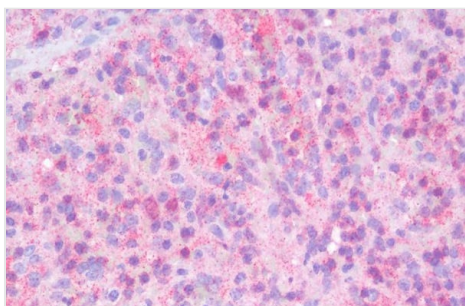
PRODUCT SYNONYMS

CD2; Polyclonal Antibody; CD2 Rabbit anti-Human Polyclonal Antibody; PathPlus CD2 Antibody; CD2 antigen; Erythrocyte receptor; LFA-3 receptor; LFA-2; Lymphocyte-function antigen-2; T11; SRBC; CD2 molecule; Rosette receptor; T-cell surface antigen CD2; anti-CD2 antibody

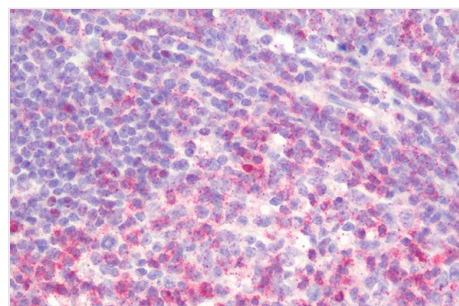
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD2 antibody	IHC (Immunohistochemistry)
Target	Human CD2
Immunogen	LP-10927, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
CD2 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CD2 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CD2 antibody	CD2 antibody is an unconjugated rabbit polyclonal antibody to CD2 from human. Validated for IHC. CD2 is a cell adhesion molecule that is found on the plasma membrane of peripheral T-lymphocytes, thymocytes, natural killer cells, Langerhans cells, and mast cells. It mediates adhesion between T-cells and antigen processing cells, induces co-stimulatory signals in T-cells and T-cell cytokine production, regulates T and NK mediated cytotoxicity, and inhibits apoptosis of activated peripheral T-cells. CD2 also distinguishes between two subsets of human plasmacytoid dendritic cells with distinct phenotypes and functions. In malignancies, CD2 is expressed on T-cell lymphomas, anaplastic large cell lymphomas, and T-cell leukemias, which helps to differentiate them from negatively staining B-cell neoplasms. The marker is also positive in some mast cell proliferative diseases.
References	J Exp Med 1999;190:1383; Immunology 2013;139:48; J Immunol 2009;182:6815

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071472
NCBI GeneID	914
NCBI Accession #	NP_001758.2
NCBI GenBank Nucleotide #	NM_001767
UniProt Accession #	P06729; Q96TE5
Molecular Weight	39,448 Da
NCBI Official Full Name	T-cell surface antigen CD2
NCBI Official Synonym Full Names	CD2 molecule
NCBI Official Symbol	CD2
NCBI Official Synonym Symbols	T11; SRBC; LFA-2
NCBI Protein Information	T-cell surface antigen CD2; CD2 antigen (p50), sheep red blood cell receptor; LFA-3 receptor; T-cell surface antigen T11/Leu-5; erythrocyte receptor; lymphocyte-function antigen-2; rosette receptor
UniProt Protein Name	T-cell surface antigen CD2
UniProt Gene Name	CD2
UniProt Synonym Gene Names	SRBC
UniProt Entry Name	CD2_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/polyclonal/cd2-antibody-immunohistochemistry-elisa/162989>