

Mouse CD2 Monoclonal Antibody | anti-CD2 antibody

CD2 Monoclonal Antibody

CATALOG # AAA173642	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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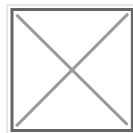
PRODUCT SYNONYMS

CD2; Monoclonal Antibody; CD2 Monoclonal Antibody; SRBC; T-cell surface antigen CD2; Erythrocyte receptor; LFA-2; LFA-3 receptor; Rosette receptor; T-cell surface antigen T11/Leu-5; anti-CD2 antibody

PRODUCT SPECIFICATIONS

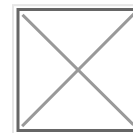
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	4C3
Purity/Purification	Protein A Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	377
Applicable Applications for anti-CD2 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spleen tissue using CD2 Monoclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon tissue using CD2 Monoclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-CD2 antibody	The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene. CD2 (CD2 Molecule) is a Protein Coding gene. Diseases associated with CD2 include Penis Squamous Cell Carcinoma and Immune Defect Due To Absence Of Thymus. Among its related pathways are PEDF Induced Signaling and TGF-Beta Pathway. GO annotations related to this gene include protein homodimerization activity and receptor activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1039290979
NCBI GeneID	914
NCBI Accession #	NP_001315538.1
NCBI GenBank Nucleotide #	NM_001328609.1
UniProt Accession #	P06729; Q96TE5
Molecular Weight	39,448 Da
NCBI Official Full Name	T-cell surface antigen CD2 isoform 1
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
UniProt Protein Name	T-cell surface antigen CD2
UniProt Gene Name	CD2
UniProt Synonym Gene Names	SRBC

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-4c3-immunohistochemistry-elisa/173642>