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

CD2 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283075	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CD2; Monoclonal Antibody; CD2 Rabbit PolymAb; T11; SRBC; LFA-2; anti-CD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-CD2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human/mouse CD2.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using CD2 Rabbit PolymAb® (AAA283075) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using CD2 Rabbit PolymAb® (AAA283075) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

IHC (Immunohistochemisry)
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CD2 Rabbit PolymAb® (AAA283075) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

WB (Western Blot)
Western blot analysis of various lysates using CD2 Rabbit PolymAb® (AAA283075) at 1:3000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 45s.

WB (Western Blot)
Western blot analysis of lysates from MOLT-4 cells using CD2 Rabbit PolymAb® (AAA283075) at 1:1000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

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.
Product Categories/Family for anti-CD2 antibody	Immunology Adaptive Immunity T Cells CDStem Cells Hematopoietic Progenitors Hematopoietic Stem Cells Human Lineage NegativeStem Cells Hematopoietic Progenitors Lymphoid B Lymphocytic LineageStem Cells Hematopoietic Progenitors Lymphoid T Lymphocytic Linea

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071472
NCBI GeneID	914/12481
NCBI Accession #	NP_001758.2
NCBI GenBank Nucleotide #	NM_001767.3
UniProt Accession #	P06729; P08920
Molecular Weight	Calculated MW: 38kDa/39kDa Observed MW: 48-65kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/cd2-antibody-immunohistochemistry-western-blot-elisa/283075