

Rabbit CD226/DNAM-1 Polyclonal Antibody | anti-CD226/DNAM-1 antibody

Phospho-CD226/DNAM-1 (Ser329) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329481	Rabbit	Human, Mouse, Monkey Predicted Reactivity: Pig (100%), Horse (100%)	ELISA, Immunohistochemistry, Western Blot

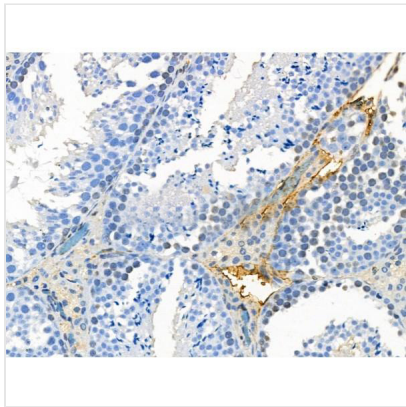
PRODUCT SYNONYMS

CD226/DNAM-1; Polyclonal Antibody; Phospho-CD226/DNAM-1 (Ser329) Antibody; adhesion glycoprotein; CD226; CD226 antigen; CD226 molecule; CD226_HUMAN; DNAM 1; DNAM-1; DNAM1; DNAX accessory molecule 1; platelet and T cell activation antigen 1; PTA1; T lineage specific activation antigen 1 antigen; TLISA1; anti-CD226/DNAM-1 antibody

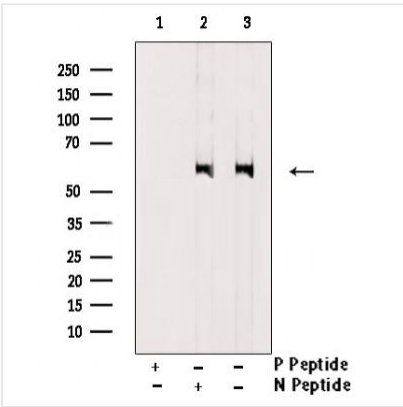
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Monkey Predicted Reactivity: Pig (100%), Horse (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-CD226/DNAM-1 (Ser329) Antibody detects endogenous levels of CD226/DNAM-1 only when phosphorylated at Ser329. Tissue Specificity: Expressed by peripheral blood T-lymphocytes.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD226/DNAM-1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD226/DNAM-1 around the phosphorylation site of Ser329.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Interacts with PVR and NECTIN2. Competes with PVRIG for NECTIN2-binding.
Subcellular Location	Cell membrane>Single-pass type I membrane protein.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
Staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COS7 , using Phospho-CD226/DNAM-1 (Ser329) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CD226/DNAM-1 antibody	Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T-lymphocyte (CTL) and NK cell. Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIG for NECTIN2-binding.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	171460997
NCBI GeneID	10666
NCBI Accession #	NP_006557.2
NCBI GenBank Nucleotide #	NM_006566.2
UniProt Accession #	Q15762; B2R818
Molecular Weight	38,614 Da
NCBI Official Full Name	CD226 antigen
NCBI Official Synonym Full Names	CD226 molecule
NCBI Official Symbol	CD226
NCBI Official Synonym Symbols	PTA1; DNAM1; DNAM-1; TLISA1
NCBI Protein Information	CD226 antigen; adhesion glycoprotein; DNAX accessory molecule 1; DNAX accessory molecule-1; platelet and T cell activation antigen 1; T lineage-specific activation antigen 1 antigen
UniProt Protein Name	CD226 antigen
UniProt Gene Name	CD226
UniProt Synonym Gene Names	DNAM1; DNAM-1
UniProt Entry Name	CD226_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.