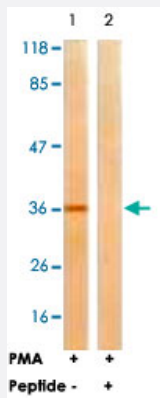


CD226 polyclonal antibody

Catalog # PAB17304 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, treated with PMA (125 ng/ml, 30 mins), using CD226 polyclonal antibody (Cat # PAB17304).

Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using CD226 polyclonal antibody (Cat # PAB17304).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CD226.
Immunogen	A synthetic peptide corresponding to residues surrounding serine 329 of human CD226.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of total CD226 protein.
Form	Liquid

Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, treated with PMA (125 ng/ml, 30 mins), using CD226 polyclonal antibody (Cat # PAB17304).

Peptide "+" means "with peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using CD226 polyclonal antibody (Cat # PAB17304).

Peptide "+" means "with peptide blocking".

Gene Info — CD226

Entrez GeneID	10666
Protein Accession#	Q15762
Gene Name	CD226
Gene Alias	DNAM-1, DNAM1, PTA1, TLISA1
Gene Description	CD226 molecule
Omim ID	605397
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. [provided by RefSeq]

Other Designations

CD226 antigen|DNAX accessory molecule-1|T lineage-specific activation antigen 1 antigen|adhesion glycoprotein|platelet and T cell activation antigen 1

Publication Reference

- [The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection \(MGC\).](#)

Gerhard DS, Wagner L, Feingold EA, Shenmen CM, Grouse LH, Schuler G, Klein SL, Old S, Rasooly R, Good P, Guyer M, Peck AM, Derge JG, Lipman D, Collins FS, Jang W, Sherry S, Feolo M, Misquitta L, Lee E, Rotmistrovsky K, Greenhut SF, Schaefer CF, Buetow K, Bonner TI, Haussler D, Kent J, Kiekhaus M, Furey T, Brent M, Prange C, Schreiber K, Shapiro N, Bhat NK, Hopkins RF, Hsie F, Driscoll T, Soares MB, Casavant TL, Scheetz TE, Brownstein MJ, Usdin TB, Toshiyuki S, Carninci P, Piao Y, Dudekula DB, K

Genome Research 2004 Oct; 14(10B):2121.

- [Functional characterization of DNAM-1 \(CD226\) interaction with its ligands PVR \(CD155\) and nectin-2 \(PRR-2/CD112\).](#)

Tahara-Hanaoka S, Shibuya K, Onoda Y, Zhang H, Yamazaki S, Miyamoto A, Honda S, Lanier LL, Shibuya A.

International Immunology 2004 Apr; 16(4):533.

Application: Flow Cyt, Func, Human, BW5147, EBV-B, H9, HOS, RD, T cells, U87MG, U937 cells

- [DNAM-1, a novel adhesion molecule involved in the cytolytic function of T lymphocytes.](#)

Shibuya A, Campbell D, Hannum C, Yssel H, Franz-Bacon K, McClanahan T, Kitamura T, Nicholl J, Sutherland GR, Lanier LL, Phillips JH.

Immunity 1996 Jun; 4(6):573.

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Churg-Strauss Syndrome](#)
- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Tobacco Use Disorder](#)
- [Wegener Granulomatosis](#)