



DNAM-1 Polyclonal Antibody

Catalog No	YP-Ab-17014
Isotype	IgG
Reactivity	Human;Mouse;Monkey
Applications	WB;IHC;IF;ELISA
Gene Name	CD226
Immunogen	The antiserum was produced against synthesized peptide derived from human CD226/DNAM-1. AA range:287-336
Specificity	DNAM-1 Polyclonal Antibody detects endogenous levels of DNAM-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DNAX accessory molecule 1;DNAM-1;DNAM1;DNAM 1;CD226 molecule; CD226;CD226 antigen;CD antigen CD226
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Expressed by peripheral blood T-lymphocytes.
Function	function:Receptor involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T-lymphocyte (CTL) and NK cell.,PTM:Phosphorylated.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with PVR and PVRL2.,tissue specificity:Expressed by peripheral blood T-lymphocytes.,
Background	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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015],

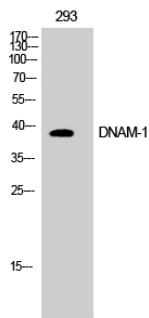
matters needing attention

Avoid repeated freezing and thawing!

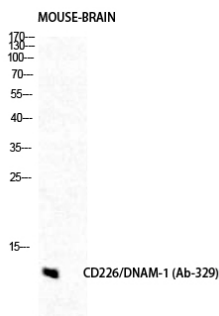
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

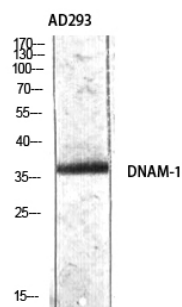
Products Images



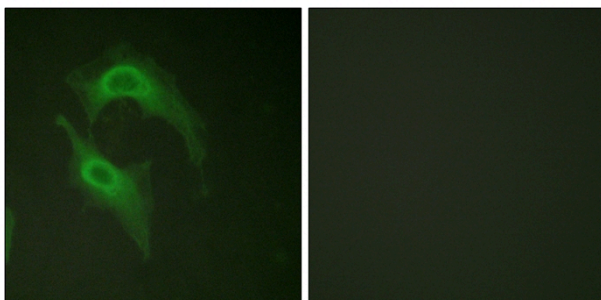
Western Blot analysis of COS7 cells using DNAM-1 Polyclonal Antibody diluted at 1:500



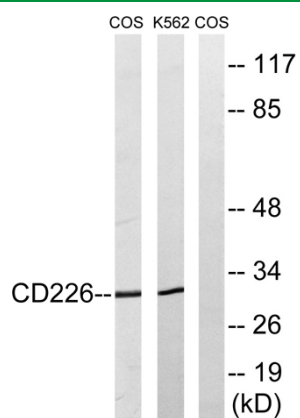
Western Blot analysis of mouse-brain cells using DNAM-1 Polyclonal Antibody diluted at 1:500



Western Blot analysis of AD293 using DNAM-1 Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of HeLa cells, using CD226/DNAM-1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 and K562 cells, treated with PMA 125ng/ml 30', using CD226/DNAM-1 Antibody. The lane on the right is blocked with the synthesized peptide.