
Product Name: DNAM-1 Rabbit Polyclonal Antibody**Catalog #: APRab10072**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	38kDa

Antigen Information

Gene Name	CD226
Alternative Names	CD226; DNAM1; CD226 antigen; DNAX accessory molecule 1; DNAM-1; CD antigen CD226
Gene ID	10666.0
SwissProt ID	Q15762
Immunogen	The antiserum was produced against synthesized peptide derived from human CD226/DNAM-1. AA range:287-336

Background

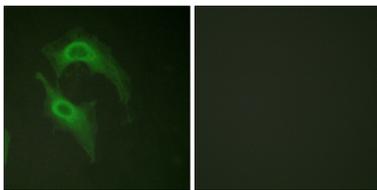
This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a

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],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.,

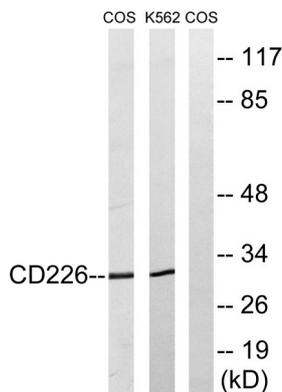
Research Area

Cell adhesion molecules (CAMs);

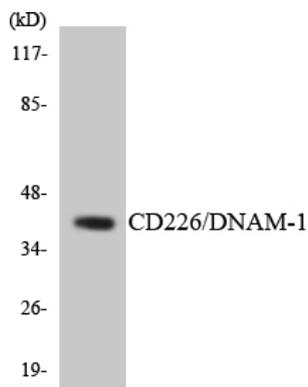
Image Data



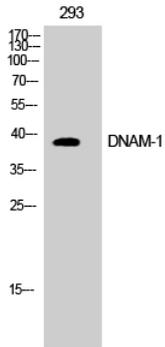
Immunofluorescence analysis of HeLa cells, using CD226/DNAM-1 Antibody. The picture on the right is blocked with the synthesized peptide.



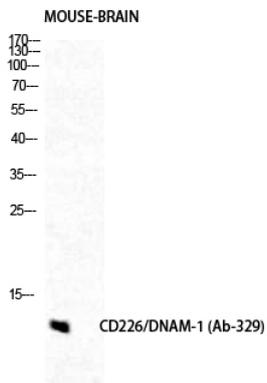
Western blot analysis of lysates from COS7 and K562 cells, treated with PMA 125ng/ml 30', using CD226/DNAM-1 Antibody. The lane on the right is blocked with the synthesized peptide.



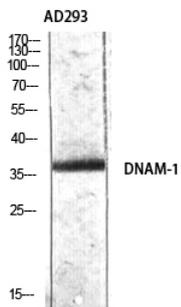
Western blot analysis of the lysates from HUVEC cells using CD226/DNAM-1 antibody.



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