

## **DNAM-1 Polyclonal Antibody**

YT1381 Catalog No:

Human; Mouse; Monkey Reactivity:

**Applications:** WB;IHC;IF;ELISA

**Target:** DNAM-1

Fields: >>Cell adhesion molecules

Gene Name: CD226

**Protein Name:** CD226 antigen

**Human Gene Id:** 10666

**Human Swiss Prot** 

No:

Q15762

Q8K4F0

Mouse Gene Id: 225825

**Mouse Swiss Prot** 

No:

The antiserum was produced against synthesized peptide derived from human Immunogen:

CD226/DNAM-1. AA range:287-336

**Specificity:** DNAM-1 Polyclonal Antibody detects endogenous levels of DNAM-1 protein.

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Formulation:

Source: Polyclonal, Rabbit, IgG

WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not **Dilution:** 

yet tested in other applications.

The antibody was affinity-purified from rabbit antiserum by affinity-**Purification:** 

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/4



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 38kD

**Cell Pathway:** Cell adhesion molecules (CAMs);

**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:** 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

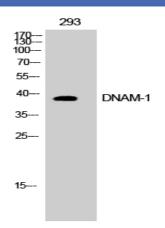
specificity:Expressed by peripheral blood T-lymphocytes.,

Subcellular Location:

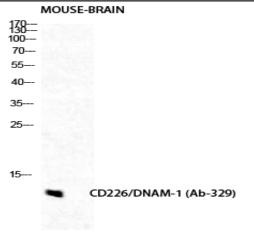
Cell membrane; Single-pass type I membrane protein.

**Expression:** Expressed by peripheral blood T-lymphocytes.

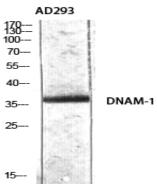
## **Products Images**



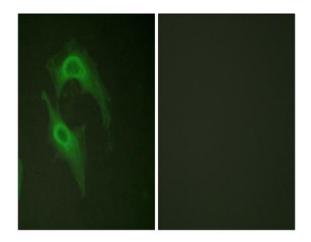
Western Blot analysis of COS7 cells using DNAM-1 Polyclonal Antibody diluted at 1:500



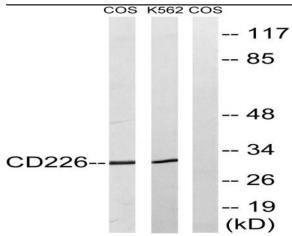
Western Blot analysis of mouse-brain cells using DNAM-1 Polyclonal Antibody diluted at 1:500



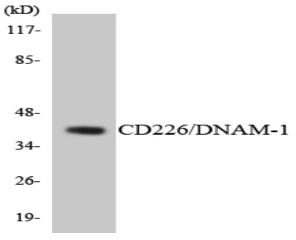
Western Blot analysis of AD293 using DNAM-1 Polyclonal Antibody diluted at 1:500



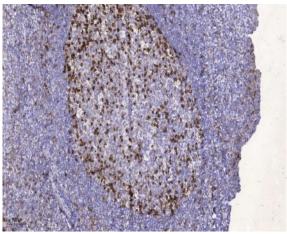
Immunofluorescence analysis of HeLa cells, using CD226/DNAM-1 Antibody. The picture on the right is blocked with the synthesized peptide.



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.



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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).