

DNAM-1 (phospho Ser329) Polyclonal Antibody

YP0914 Catalog No:

Reactivity: Human; Mouse; Monkey

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

Target: DNAM-1

Fields: >>Cell adhesion molecules

Q15762

Q8K4F0

Gene Name: CD226

Protein Name: CD226 antigen

Human Gene Id: 10666

Human Swiss Prot

No:

Mouse Gene Id: 225825

Mouse Swiss Prot

Immunogen:

No:

CD226/DNAM-1 around the phosphorylation site of Ser329. AA range:287-336

The antiserum was produced against synthesized peptide derived from human

Specificity: Phospho-DNAM-1 (S329) Polyclonal Antibody detects endogenous levels of

DNAM-1 protein only when phosphorylated at S329.

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

Polyclonal, Rabbit, IgG Source:

WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not **Dilution:**

yet tested in other applications.

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

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

Observed Band: 60kD

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.

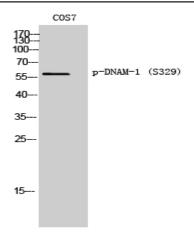
Sort : 5190

No4: 1

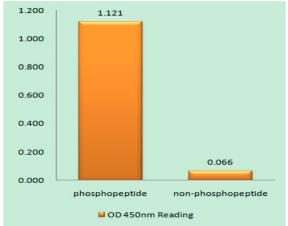
Host: Rabbit

Modifications: Phospho

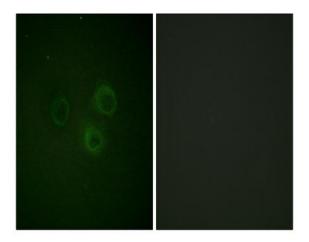
Products Images



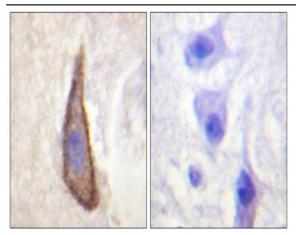
Western Blot analysis of COS7 cells using Phospho-DNAM-1 (S329) Polyclonal Antibody



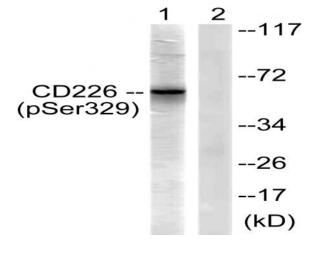
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CD226/DNAM-1 (Phospho-Ser329) Antibody



Immunofluorescence analysis of A549 cells, using CD226/DNAM-1 (Phospho-Ser329) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using CD226/DNAM-1 (Phospho-Ser329) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells, using CD226/DNAM-1 (Phospho-Ser329) Antibody. The lane on the right is blocked with the phospho peptide.