

For Research Use Only

CD226 Polyclonal antibody

Catalog Number: 30727-1-AP



Basic Information

Catalog Number: 30727-1-AP	GenBank Accession Number: BC074787	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 10666	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: CD226 molecule	
Isotype: IgG	Calculated MW: 336 aa, 39 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human peripheral blood platelets,
Species Specificity: Human	

Background Information

CD226 (DNAM-1) is a ~65 kDa 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. CD226 mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Interactions of CD226 and its ligands, CD155 and CD112, induce NK and T cell-mediated cytotoxicity and cytokine secretion (PMID: 15039383).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

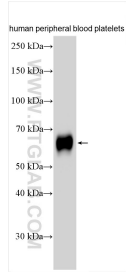
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Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 30727-1-AP (CD226 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.