

For Research Use Only

CD226 Monoclonal antibody, PBS Only



Catalog Number: 67653-1-PBS

Basic Information

Catalog Number: 67653-1-PBS	GenBank Accession Number: BC074787	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10666	CloneNo.: 7G7A4
Source: Mouse	ENSEMBL Gene ID: ENSG00000150637	
Isotype: IgG1	UNIPROT ID: Q15762	
Immunogen Catalog Number: AG12403	Full Name: CD226 molecule	
	Calculated MW: 336 aa, 39 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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

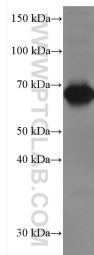
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 67653-1-Ig (CD226 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67653-1-PBS in a different storage buffer formulation.