

For Research Use Only

CD226 Recombinant antibody

Catalog Number: 86025-1-RR



Basic Information

Catalog Number:	86025-1-RR	GenBank Accession Number:	NM_178687.2	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	225825	CloneNo.:	250384D8
Source:	Rabbit	UNIPROT ID:	Q8K4F0	Recommended Dilutions:	WB: 1:500-1:2000
Isotype:	IgG	Full Name:	CD226 antigen		
Immunogen Catalog Number:	EG1588	Calculated MW:	39 kDa		
		Observed MW:	60-75 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: mouse spleen tissue,
Species Specificity:	
mouse	

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

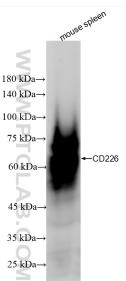
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Mouse spleen lysate was subjected to SDS PAGE followed by western blot with 86025-1-RR (CD226 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.