

For Research Use Only

CD226 Recombinant antibody

Catalog Number: 82991-3-RR



Basic Information

Catalog Number: 82991-3-RR	GenBank Accession Number: BC074787	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 10666	CloneNo.: 230041E12
Source: Rabbit	ENSEMBL Gene ID: ENSG00000150637	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	UNIPROT ID: Q15762	
	Full Name: CD226 molecule	
	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

For technical support and original validation data for this product please contact:

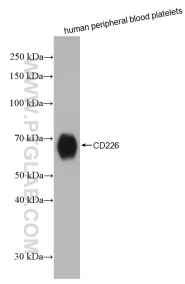
T: 4006900926

E: Proteintech-CN@ptglab.com

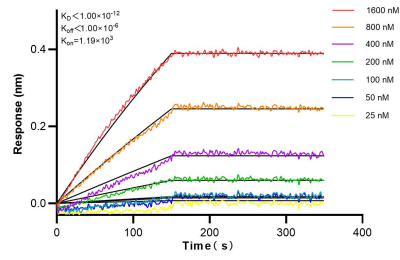
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Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 82991-3-RR (CD226 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82991-3-RR against Human CD226 were performed. The affinity constant is below 1 pM.