

For Research Use Only

CD226 Recombinant antibody

Catalog Number: 82991-4-RR



Basic Information

Catalog Number:

82991-4-RR

Size:

100ul, Concentration: 1000 ug/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC074787

GeneID (NCBI):

10666

ENSEMBL Gene ID:

ENSG00000150637

UNIPROT ID:

Q15762

Full Name:

CD226 molecule

Calculated MW:

336 aa, 39 kDa

Observed MW:

65-70 kDa

Purification Method:

Protein A purification

CloneNo.:

240673G4

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human peripheral blood platelets,

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

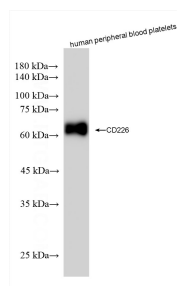
For technical support and original validation data for this product please contact:

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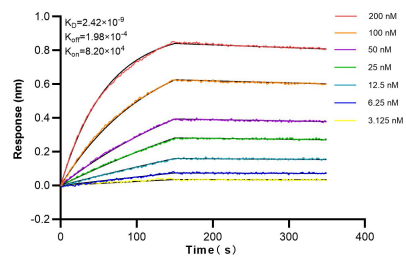
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W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 82991-4-RR (CD226 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82991-4-RR against Human CD226 were performed. The affinity constant is 2.42 nM.