

For Research Use Only

Anti-Human CD226 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98002-2-PBS



Basic Information

Catalog Number:

98002-2-PBS

Size:

1mg, 2 mg/ml

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

Purification Method:

Protein A purification

CloneNo.:

240673G4

Applications

Tested Applications:

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

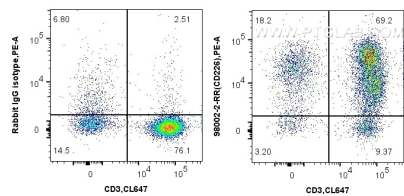
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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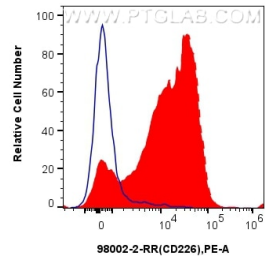
E: proteintech@ptglab.com
W: ptglab.com

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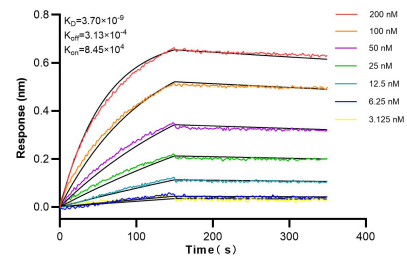
Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD226 Rabbit Recombinant Antibody (98002-2-RR, Clone: 240673G4) or Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (CL647-65569, Clone: OKT3). Cells were not fixed. Lymphocytes were gated. This data was developed using the same antibody clone with 98002-2-PBS in



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD226 Rabbit Recombinant Antibody (98002-2-RR, Clone:240673G4) (red) or Isotype Control (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. Lymphocytes were gated. This data was developed using the same antibody clone with 98002-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98036-1-RR against Human CD226 were performed. The affinity constant is 3.70 nM.