

For Research Use Only

Anti-Human CD226 (11A8) Mouse IgG2a Recombinant Antibody, PBS Only



Catalog Number: **65573-1-PBS**

Basic Information

Catalog Number: 65573-1-PBS	GenBank Accession Number: BC074787	Purification Method: Protein A purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 10666	CloneNo.: 11A8
Source: Mouse	ENSEMBL Gene ID: ENSG00000150637	
Isotype: IgG2a	Full Name: CD226 molecule	
	Calculated MW: 336 aa, 39 kDa	

Applications

Tested Applications:
FC

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. Stable for one year after shipment.
Storage Buffer:
PBS Only

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

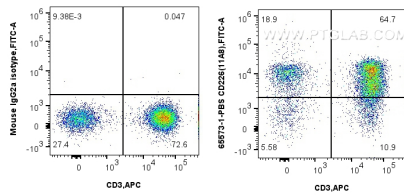
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.5 ug Anti-Human CD226 (11A8) Mouse IgG2a Recombinant Antibody, PBS Only (65573-1-PBS, Clone:11A8) or 0.5 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4), CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), and 0.5 ug APC Anti-Human CD3 (OKT3) (APC-65133, Clone: OKT3). Cells were not fixed. Lymphocytes were gated.