For Research Use Only

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

Catalog Number:65573-1-PBS

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Basic Information

Catalog Number:
65573-1-PBS

Size:
1mg , 2mg/ml

Source:
Mouse

Isotype:
IgG2a

GenBank Accession Number:
BC074787

GeneID (NCBI):
10666

ENSEMBL Gene ID:
ENSG00000150637

Full Name:
CD226 molecule

Calculated MW:
336 aa, 39 kDa

Purification Method:
Protein A purification

CloneNo.:
11A8

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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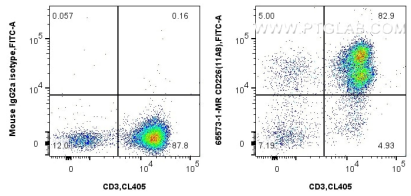
Selected Validation Data



1x10^6 human PBMCs were surface stained with 0.25 ug Anti-Human CD226 Mouse Recombinant Antibody (65573-1-MR, Clone: 11A8) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 405 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated. This data was developed using the same antibody clone with 65573-1-PBS in a