

For Research Use Only

Anti-Human CD226 (11A8)

Catalog Number: 65247-1-Ig



Basic Information

Catalog Number:

65247-1-Ig

Concentration:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

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:

Affinity purification

CloneNo.:

11A8

Recommended Dilutions:

FC: 0.2 ug per 10^6 cells in 100 μ l suspension

Applications

Tested Applications:

FC, ELISA

Species Specificity:

Human

Positive Controls:

FC : human PBMCs,

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 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

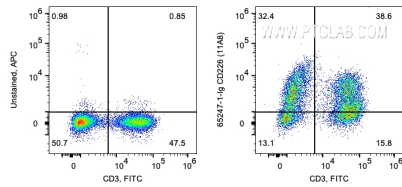
T: 4006900926

E: Proteintech-CN@ptglab.com

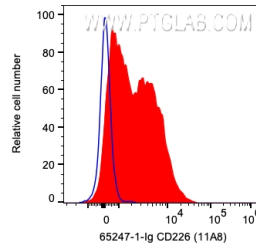
W: ptgcn.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with FITC Anti-Human CD3 and 0.2 ug Anti-Human CD226 (65247-1-Ig, Clone:11A8) and APC-Goat anti-Mouse IgG at dilution 1:1000. Cells were not fixed. Lymphocytes were gated.



1X10⁶ human PBMCs were surface stained with 0.2 ug Anti-Human CD226 (65247-1-Ig, Clone:11A8) and APC-Goat anti-Mouse IgG at dilution 1:1000. Cells were not fixed. Lymphocytes were gated.