

For Research Use Only

CoraLite® Plus 647 Anti-Human CD226 (11A8)

Catalog Number: CL647-65247



Basic Information

Catalog Number:

CL647-65247

Size:

100 tests, 5 µl/test

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: 5 µl per 10⁶ cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

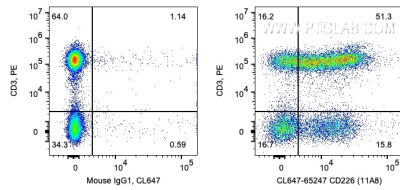
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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



1X10⁶ human PBMCs were surface co-stained with PE Anti-Human CD3 and 5 ul CoraLite® Plus 647 Anti-Human CD226 (CL647-65247, Clone:11A8) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.