For Research Use Only

Atlantic Blue™ Anti-Human CD226 (11A8)

Catalog Number:AB-65247

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
AB-65247

Size:
100tests , 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:
N/A

CloneNo.:
11A8

Excitation/Emission maxima wavelengths:
404 nm / 458 nm

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

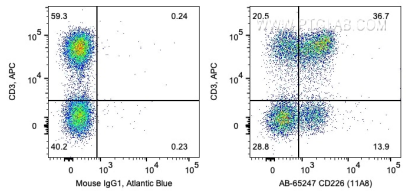
CD226 (DNAM-1) is a ~65 kDa glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. CD226 mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. 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

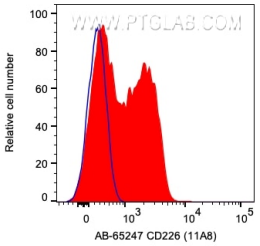
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

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

Selected Validation Data



1X10^6 human PBMCs were surface co-stained with APC Anti-Human CD3 and 5 ul Atlantic Blue™ Anti-Human CD226 (AB-65247, Clone:11A8) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10^6 human PBMCs were surface stained with 5 ul Atlantic Blue™ Anti-Human CD226 (AB-65247, Clone:11A8) (red) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.