

For Research Use Only

Atlantic Blue™ Anti-Human CD226 (11A8)



Catalog Number: AB-65247

Basic Information

Catalog Number: AB-65247	GenBank Accession Number: BC074787	Purification Method: N/A
Size: 100tests, 5 µl/test	GeneID (NCBI): 10666	CloneNo.: 11A8
Source: Mouse	ENSEMBL Gene ID: ENSG00000150637	Excitation/Emission maxima wavelengths: 404 nm / 458 nm
Isotype: IgG1, kappa	UNIPROT ID: Q15762	
	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 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:

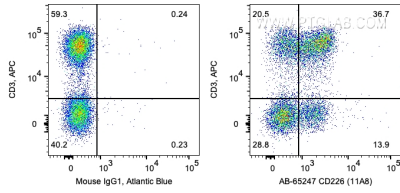
T: 4006900926

E: Proteintech-CN@ptglab.com

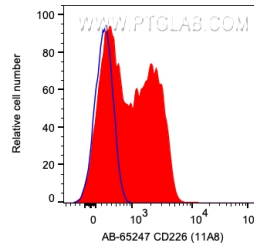
W: ptgcn.com

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Selected Validation Data



1X10⁶ 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.



1X10⁶ 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.