For Research Use Only

FcZero-rAb® CoraLite® Plus 555 Anti-Human CD226 (11A8) Rabbit Recombinant Antibody

Catalog Number:CL555-FcA65573

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL555-FcA65573

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

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:
Protein A purification

CloneNo.:
11A8

Recommended Dilutions:
FC: 5 ul per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
556nm/567nm

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).

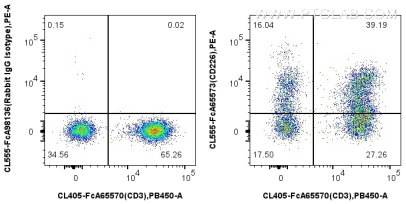
Storage

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

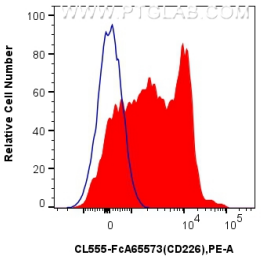
For technical support and original validation data for this product please contact:
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Selected Validation Data



1x10^6 human PBMCs were surface stained with FcZero-rAb® CoraLite® Plus 405 Anti-Human CD3 (UCHT1), and 0.25 ug / 5 ul CoraLite® Plus 555 Anti-Human CD226 (11A8) Rabbit RecAb (CL555-FcA65573, Clone: 11A8) or FcZero-rAb® CoraLite® Plus 555 Rabbit IgG Isotype Control Recombinant Antibody (CL555-FcA98136, Clone: 240953C9). Cells were not fixed. Lymphocytes were gated.



1x10^6 human PBMCs were surface stained with 0.25 ug / 5 ul CoraLite® Plus 555 Anti-Human CD226 (11A8) Rabbit RecAb (CL555-FcA65573, Clone: 11A8) (red) or FcZero-rAb® CoraLite® Plus 555 Rabbit IgG Isotype Control Recombinant Antibody (CL555-FcA98136, Clone: 240953C9) (blue). Cells were not fixed. Lymphocytes were gated.