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APC Anti-Human CD226/DNAM-1 Antibody[11A8]

Catalog Number: E-AB-F1369E

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. 11A8

Isotype Control APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792E]

Conjugation APC

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

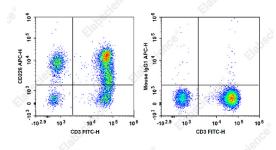
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM Each

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of normal human peripheral blood cells with FITC Anti-Human CD3 Antibody[OKT-3] and APC Anti-Human CD226/DNAM-1 Antibody[11A8] (left) or APC Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

Alternate Names DNAM-1;PTA1;TLiSA1

 Uniprot ID
 Q15762

 Gene ID
 10666

For Research Use Only

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Background

DNAM-1 (CD226) is a ~65 kD glycoprotein expressed on cell surface of T cells, NK cells, monocytes/macrophages, platelets and megakaryocytes and a subset of B cells and a member of the immunoglobulin (lg)-superfamily containing 2 lg-like domains of the V-set. The ligands for CD226 are the poliovirus receptor (CD155) and its family member nectin-2 (CD112), which are broadly expressed on epithelial, endothelial and neuronal cells. CD226 is physically associated with LFA-1 in NK cells and activated T cells, and involved in LFA-1-mediated signaling.

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