

CD226 (DNAM-1) Monoclonal Antibody (11A8.7.4), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	11A8.7.4
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2722942

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	-

Product Specific Information

The monoclonal antibody 11A8.7.4 reacts to DNAM-1 also known as CD226. DNAM 1 is a 65 kD receptor expressed by peripheral blood T lymphocytes that is involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T lymphocytes. DNAM 1 is broadly expressed on T cells, NK cells, platelets, monocytes and a subset of B cells. DNAM-1 is also expressed by a subset of CD3 positive thymocytes. The ligands for CD226 are the poliovirus receptor (PVR, CD155) and Poliovirus Related Receptor (PPR2, Nectin-2, CD112). CD226 is involved in cytolytic activity by interacting with integrins and activating protein tyrosine kinase Fyn.

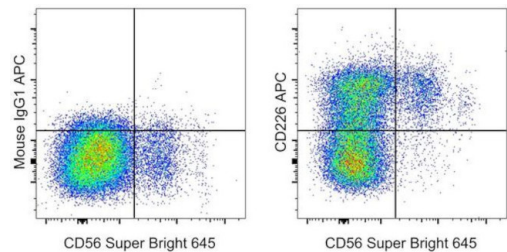
The 11A8.7.4 antibody has been shown to increase T and NK cell-mediated cytotoxicity.

Applications Reported: This 11A8.7.4 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 11A8.7.4 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser

Product Images For CD226 (DNAM-1) Monoclonal Antibody (11A8.7.4), APC, eBioscience™



CD226 (DNAM-1) Antibody (17-2269-42) in Flow
Staining of normal human peripheral blood cells with CD56 Monoclonal Antibody, Super Bright 645 (Product # 64-0566-42) and Mouse IgG1 K Isotype Control Monoclonal Antibody, APC (Product # 17-4714-82) (left) or CD226 Monoclonal Antibody, APC (right). Cells in the lymphocyte gate were used for analysis.

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