

30-2925: Anti-Human CD226 Monoclonal Antibody (Clone:11A8)

Clonality :	Monoclonal
Clone Name :	11A8
Application :	FACS
Reactivity :	Human,Non-Human Primates
Conjugate :	Unconjugated
Gene ID :	10666
Uniprot ID :	Q15762
Format :	Purified
Alternative Name :	DNAM1, PTA1, TLISA1
Isotype :	Mouse IgG1 kappa

Description

CD226 is a type I transmembrane glycoprotein, which is expressed after activation on NK cells, platelets, monocytes, and some T cells. Its expression is increased in patients suffering from some autoimmune diseases or viral infections. CD226 is being phosphorylated on its cytoplasmic tail and interacts with LFA-1 complex (CD11a/CD18), resulting in calcium-independent intercellular contacts. Ligands for CD226 are CD155 and CD112.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1mg/ml, Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 µg/ml.

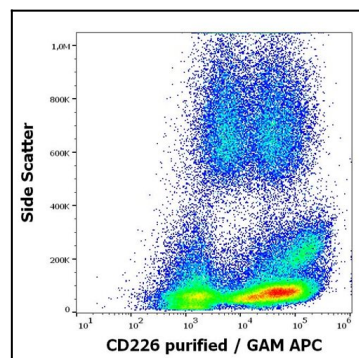


Figure 1:Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD226 (11A8) purified antibody (concentration in sample 0,56 µg/ml, GAM APC).

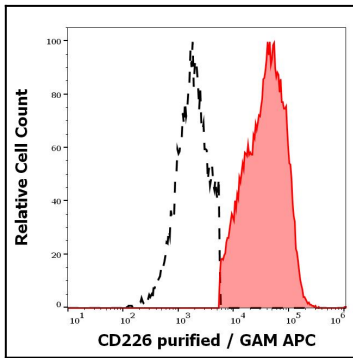


Figure 2: Separation of human CD226 positive lymphocytes (red-filled) from CD226 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD226 (11A8) purified antibody (concentration in sample 0,56 µg/ml, GAM APC).