

30-2925PE: PE Conjugated Anti-Human CD226 Mab(Clone:11A8)

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|---------------------------|--------------------------|
| Clonality : | Monoclonal |
| Clone Name : | 11A8 |
| Application : | FACS |
| Reactivity : | Human,Non-Human Primates |
| Conjugate : | PE |
| Gene : | CD226 |
| Gene ID : | 10666 |
| Uniprot ID : | Q15762 |
| Alternative Name : | DNAM1, PTA1, TLI5A1 |
| 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

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|----------------------------|---|
| Amount : | 100 Tests |
| Purification : | Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| Content : | Formulation: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Storage condition : | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze. |

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.

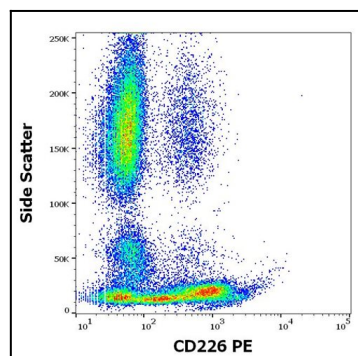


Figure 1:Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD226 (11A8) PE antibody (20 µl reagent / 100 µl of peripheral whole blood).

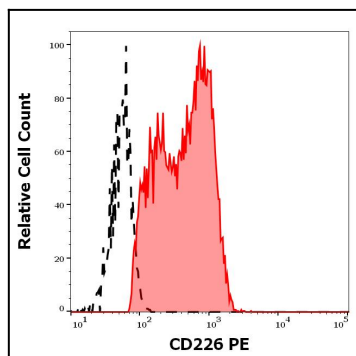


Figure 2: Separation of human CD226 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD226 (11A8) PE antibody (20 μ l reagent / 100 μ l of peripheral whole blood).