

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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

Clonality: Monoclonal **Clone Name:** 11A8

FACS Application:

Reactivity: Human, Non-Human Primates

Conjugate: APC Gene: CD226 Gene ID: 10666 **Uniprot ID:** 015762

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 calciumindependent intercellular contacts. Ligands for CD226 are CD155 and CD112.

Product Info

Amount: 100 Tests

Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions **Purification:**

and 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

Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze. Storage condition:

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 μl of whole blood or 106 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

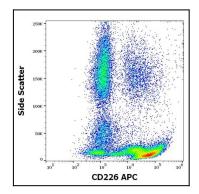


Figure 2: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD226 (11A8) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).



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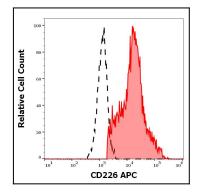


Figure 2: Separation of human CD226 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD226 (11A8) APC antibody (10 μ l reagent / 100 μ l of peripheral whole blood).