

Anti-Human CD226-171Yb

Catalog: 3171013B

Package Size: 100 tests

Storage: Store product at 4°C. Do not freeze.

Reactivity: Human

Clone: DX11

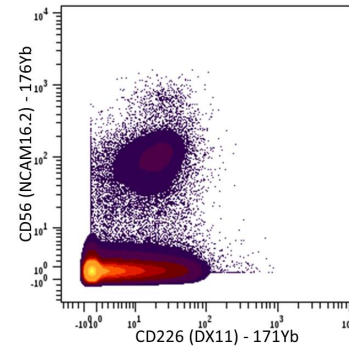
Isotype: IgG1

Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10⁶ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMCs stained with 176Yb-anti-CD56 (NCAM16.2) and 171Yb-anti-CD226 (DX11). CD45+ CD33- cells are displayed in the analysis.

Description

CD226, also known as DNAM-1 (DNAX accessory molecule-1), is a 65 kDa transmembrane glycoprotein expressed on the majority of T cells, NK cells, monocytes, and a subset of B cells, but not on granulocytes or erythrocytes. CD226 functions as a tyrosinephosphorylated, signal-transducing molecule involved in primary adhesion during cytotoxic T lymphocyte (CTL)-mediated cytotoxicity.

References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Omatsky, O. I., et al. **Highly Multiparametric Analysis by Mass Cytometry.** *J Immunol Methods* 361 (1-2):1-20, 2010.

For technical support visit fluidigm.com/support

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