

Anti-Human CD325-143Nd

Catalog: 3143016B

Package Size: 100 tests

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

Reactivity: Human,

Clone: 8C11

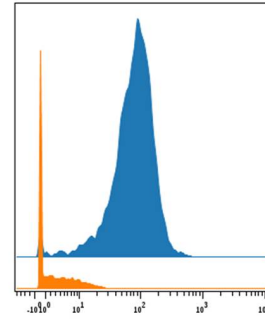
Isotype: IgG1

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.



CD325 (8C11) - 143Nd

Human HeLa cells (blue) and human Jurkat cells (orange) stained with 143Nd-anti-CD325 (N-Cadherin) (8C11). Total viable cells are displayed in the analysis.

Description

CD325, also known as N-Cadherin, consists of five extracellular domains, a transmembrane domain and a cytoplasmic domain. It is involved in embryonic development, maintain tissue architecture, cell sorting and cell adhesion in tissues, promote motility. N-cadherin is expressed by stem cells, myeloblasts, endothelial cells, and fibroblasts, and also is expressed in neural and muscle tissues and some types of carcinoma cells.

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.

Ornatsky, 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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