

Anti-Human Notch2-165Ho

Catalog: 3165026B

Package Size: 100 tests

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

Reactivity: Human

Clone: MHN2-25

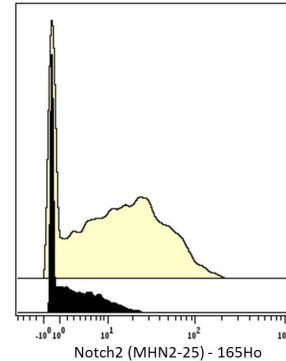
Isotype: IgG2a

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 MCF7 cells (top) and human Jurkat cells (bottom) stained with 165Ho-anti-Notch2 (MHN2-25).

Description

Notch2, also known as Neurogenic locus notch homolog protein 2, is a member of Notch family that share an extracellular domain consisting of multiple epidermal growth factor-like (EGF) repeats, and an intracellular domain consisting of multiple, different domain types. Notch 2 is expressed by Pre-B cells, double negative and CD8 single positive thymocytes, brain, lung cells. Notch 2 functions as a receptor for Jagged and Delta ligands, and may play a role in vascular, renal and hepatic development by controlling cell fate decisions.

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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