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30-1459: Anti-Notch 1 Monoclonal Antibody (Clone:mN1A)

Clonality: Monoclonal **Clone Name:** mN1A Application: FACS Reactivity: Human Gene: Notch1 Gene ID: 18128 **Uniprot ID:** Q01705 **Purified** Format:

Alternative Name: NOTCH1, TAN1, Motch A, mT14, p300

Isotype: Mouse IgG1

Immunogen Information: GST fusion protein containing cdc10-NCR region of mouse Notch1

Description

Notch 1 is a 270-300 kDa transmembrane heterodimeric protein with multiple extracellular growth factor-like repeats, and with an intracellular domain consisting of multiple different domain types. It serves as a receptor for membrane ligands, such as Delta 1, Jagged1 (CD339), and Jagged2, and regulates cell fate decisions. Upon ligand binding the transmembrane form of Notch 1 is repeatedly cleaved to provide approximately 120 kDa Notch intracellular fragment (NICD), which translocates to the nucleus and acts as a part of transcriptional complexes that alter differentiation, proliferation, and apoptosis. The highest level of Notch 1 expression is in brain, lung and thymus.

Product Info

Amount: 0.1 mg

Purification: Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

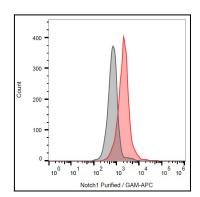


Figure 1: Intracellular staining of Notch1 in Jurkat cells using anti-Notch1 (mN1A) purified.