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30-1783: APC Conjugated Anti-Notch 1 Monoclonal Antibody (Clone:mN1A)

Clonality :	Monoclonal
Clone Name :	mN1A
Application :	FACS
Reactivity :	Human
Conjugate :	APC
Gene :	Notch1
Gene ID :	18128
Uniprot ID :	Q01705
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
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

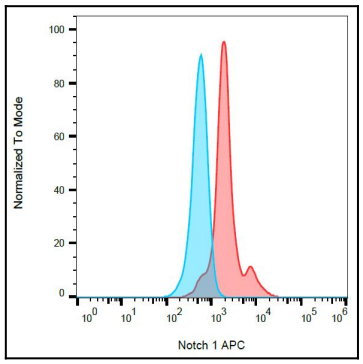


Figure 1: Intracellular staining of Notch1 in MOLT-4 cells using anti-Notch1 (mN1A) APC.

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