

Mouse anti-Mouse, Human Notch1 Monoclonal Antibody | anti-Notch1 antibody

Anti-Notch1 APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128882	Mouse	Mouse, Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Notch1; Monoclonal Antibody; Anti-Notch1 APC; notch receptor 1; AOS5; TAN1; hN1; AOVD1; anti-Notch1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	mN1A
Specificity	The mouse monoclonal antibody mN1A recognizes intracellular domain of Notch 1 protein, mainly its activated form. The unprocessed Notch 1 protein is recognized with lower affinity.
Purity/Purification	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	2555
Applicable Applications for anti-Notch1 antibody	FCM/FACS (Flow Cytometry)
Immunogen	GST fusion protein containing cdc10-NCR region of mouse Notch1
Negative Species	Rat
Conjugation	APC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-Notch1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148833508
NCBI GeneID	4851

NCBI Accession #	NP_060087.3
NCBI GenBank Nucleotide #	NP_060087.3
UniProt Accession #	P46531
NCBI Official Full Name	neurogenic locus notch homolog protein 1 preproprotein
NCBI Official Synonym Full Names	notch receptor 1
NCBI Official Symbol	NOTCH1
NCBI Official Synonym Symbols	hN1; AOS5; TAN1; AOVD1
NCBI Protein Information	neurogenic locus notch homolog protein 1
UniProt Protein Name	Neurogenic locus notch homolog protein 1
UniProt Gene Name	NOTCH1
UniProt Synonym Gene Names	TAN1; Notch 1; hN1; NICD
UniProt Entry Name	NOTC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/notch1-antibody-clone-mn1a-flow-cytometry-elisa/128882>