

NOTCH1 Monoclonal Antibody (mN1A)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	mN1A
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to cdc10-NCR region within mouse Notch 1.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage Conditions	4°C or -20°C if preferred
RRID	AB_934908

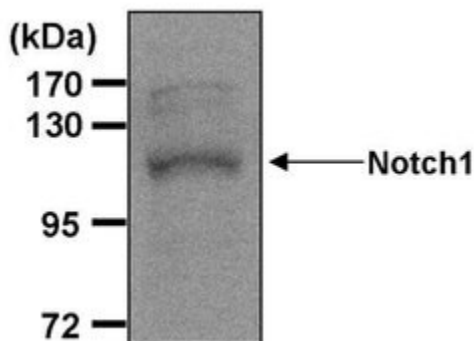
Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	10 µL/1x10 ⁶ cells	-
Immunohistochemistry (Frozen) (IHC (F))	1:50-1:200	-
Western Blot (WB)	1:200 - 1:1000	-
Immunoprecipitation (IP)	-	1 Publication

Product Specific Information

Membrane permeabilization is required for flow cytometry applications. For FACS analysis, use 10 µL of the suggested working dilution to label 1x10⁶ cells in 100 µL.

Mouse anti Mouse Notch 1 antibody, clone mN1A recognizes Notch 1, one of the four major transmembrane receptors (Notch 1-4) of the Notch signaling pathway, which is activated through binding to DSL domain-containing membrane-bound specific ligands.

Product Images For NOTCH1 Monoclonal Antibody (mN1A)



NOTCH1 Antibody (MA1-81888) in WB

Western blot analysis of NOTCH 1 was performed by loading 30 µg of HEK293T whole cell lysate per well onto an SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% non-fat milk in TBST for 1 hour at room temperature. The membrane was probed with a NOTCH 1 monoclonal antibody (Product # MA1-81888) at a dilution of 1:500 overnight at 4°C, washed in TBST, and probed with an HRP-conjugated goat anti-mouse IgG secondary antibody at a dilution of 1:40,000 for 1 hour at room temperature. Chemiluminescent detection was performed using ECL substrate. Data courtesy of the Innovators Program.

1 Reference

Immunoprecipitation (1)

PloS one

Characterization of two distinct lymphoproliferative diseases caused by ectopic expression of the Notch ligand DLL4 on T cells.

"MA1-81888 was used in immunoprecipitation to elucidate how Notch signaling contributes to T cell acute lymphoblastic leukemia using mice"

Authors: Xiong H,Maraver A,Latkowski JA,Henderson T,Schlessinger K,Ding Y,Shen J,Tadokoro CE,Lafaille JJ

Species
Human

Dilution
Not Cited

Year
2015

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