

NOTCH1 Monoclonal Antibody (mN1A)

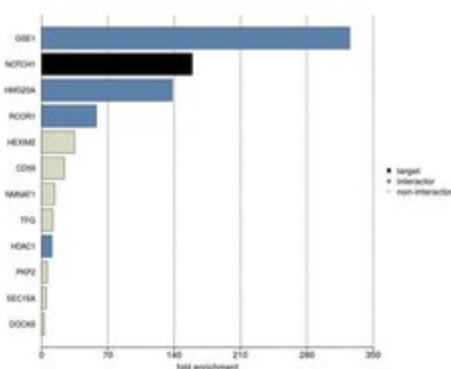
Product Details	
Size	100 µg
Species Reactivity	Bovine, Human, Mouse, Non-human primate, Rat
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	mN1A
Conjugate	Unconjugated
Immunogen	Recombinant protein derived from the intracellular domain of mouse Notch1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2533505

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay Dependent	-
Western Blot (WB)	Assay Dependent	1 Publication
Immunoprecipitation (IP)	-	1 Publication

Product Specific Information

This antibody is specific for the Notch1 (neurogenic locus notch homolog protein1, Motch A, mT14, p300) protein. This antibody gives a band of ~65 kDa on Western blot analysis using Notch1-IC OP transfected cells. Western blot analysis using Jurkat cells expresses the target band at ~110-120 kDa, with an additional band occasionally observed at ~220kDa. This antibody does not cross-react with Notch 2,3, and 4 as assessed by Western blot analysis.

Advanced Verification Data



NOTCH1 Antibody (41-3500)

IP-MS enrichment of NOTCH1 (LFQ intensity): NOTCH1 was enriched 159-fold from HCT116 lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and NOTCH1 antibody (Product # 41-3500). The STRING database (www.string-db.org) was used to identify the protein interactor list. See more information on IP-MS verification of antibody selectivity. IP-MS validation info.

2 References

Western Blot (1)

International heart journal

LncRNA DIGIT Accelerates Tube Formation of Vascular Endothelial Cells by Sponging miR-134.

"41-3500 was used in Western Blotting to suggest that DIGIT and miR-134 may be promising molecular targets for atherosclerosis therapy."

Authors: Miao C, Cao H, Zhang Y, Guo X, Wang Z, Wang J

Species
Human

Dilution
1:200

Year
2018

Immunoprecipitation (1)

PloS one

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

"41-3500 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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