

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Notch1 (D1E11) XP(tm) Rabbit mAb

RRID:AB_2153354

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3608, RRID:AB_2153354

Antibody Information

URL: http://antibodyregistry.org/AB_2153354

Proper Citation: Cell Signaling Technology Cat# 3608, RRID:AB_2153354

Target Antigen: ND

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, ChIP. Info: Used By NYUIHC-1209.
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Notch1 (D1E11) XP(tm) Rabbit mAb

Description: This monoclonal targets ND

Target Organism: rat, mouse, human

Antibody ID: AB_2153354

Vendor: Cell Signaling Technology

Catalog Number: 3608

Record Creation Time: 20250819T212244+0000

Record Last Update: 20250819T224538+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Notch1 (D1E11) XP(tm) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Feng M, et al. (2026) Cimigenoside enhances Taxol chemosensitivity in triple-negative breast cancer via the γ -secretase/RBPJ-PXR axis. British journal of pharmacology, 183(13), 3666.

Ristori T, et al. (2026) Bmp9 regulates Notch signaling and the temporal dynamics of angiogenesis via Lunatic Fringe. Developmental cell, 61(4), 837.

Giannaki M, et al. (2026) Notch Overexpression Potentiates Interferon Signaling in Glioma Cells. Current issues in molecular biology, 48(6).

Chan S, et al. (2026) The metalloproteinase ADAM17 promotes acute lung inflammatory responses during pancreatitis. British journal of pharmacology, 183(15), 4126.

Zhou H, et al. (2025) SEL1L confers reduced EMT and drug resistance to breast cancer cells by promoting Shh degradation. iScience, 28(11), 113876.

Ding X, et al. (2025) Bacteroides fragilis promotes chemoresistance in colorectal cancer, and its elimination by phage VA7 restores chemosensitivity. Cell host & microbe, 33(6), 941.

Hong D, et al. (2025) Loss of NOTCH2 creates a TRIM28-dependent vulnerability in small cell lung cancer. Developmental cell.

Yang SH, et al. (2024) Activated dormant stem cells recover spermatogenesis in chemoradiotherapy-induced infertility. Cell reports, 43(8), 114582.

Glotzbach K, et al. (2024) Substrate-bound and soluble domains of tenascin-C regulate differentiation, proliferation and migration of neural stem and progenitor cells. Frontiers in cellular neuroscience, 18, 1357499.

Pan Z, et al. (2024) Generation of iPSC-derived human venous endothelial cells for the modeling of vascular malformations and drug discovery. *Cell stem cell*.

Herrera JL, et al. (2024) Akt3 activation by R-Ras in an endothelial cell enforces quiescence and barrier stability of neighboring endothelial cells via Jagged1. *Cell reports*, 43(3), 113837.

Hüser L, et al. (2024) Aged fibroblast-derived extracellular vesicles promote angiogenesis in melanoma. *Cell reports*, 43(9), 114721.

Sunshine HL, et al. (2024) Endothelial Jagged1 levels and distribution are post-transcriptionally controlled by ZFP36 decay proteins. *Cell reports*, 43(1), 113627.

Mandula JK, et al. (2024) Jagged2 targeting in lung cancer activates anti-tumor immunity via Notch-induced functional reprogramming of tumor-associated macrophages. *Immunity*, 57(5), 1124.

Dimitrov J, et al. (2024) Dynamic roles of neutrophil extracellular traps in cancer cell adhesion and activation of Notch 1-mediated epithelial-to-mesenchymal transition in EGFR-driven lung cancer cells. *Frontiers in immunology*, 15, 1470620.

Bian W, et al. (2023) A spatially defined human Notch receptor interaction network reveals Notch intracellular storage and Ataxin-2-mediated fast recycling. *Cell reports*, 42(7), 112819.

Kitagawa Y, et al. (2023) ZEB2 and MEIS1 independently contribute to hematopoiesis via early hematopoietic enhancer activation. *iScience*, 26(10), 107893.

Bharadhwaj RA, et al. (2023) Long noncoding RNA TUG1 regulates smooth muscle cell differentiation via KLF4-myocardin axis. *American journal of physiology. Cell physiology*, 325(4), C940.

Farhadipour M, et al. (2023) SCFAs switch stem cell fate through HDAC inhibition to improve barrier integrity in 3D intestinal organoids from patients with obesity. *iScience*, 26(12), 108517.

van de Weijer LL, et al. (2023) A novel patient-derived meningioma spheroid model as a tool to study and treat epithelial-to-mesenchymal transition (EMT) in meningiomas. *Acta neuropathologica communications*, 11(1), 198.