

Resource Summary Report

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

Human/Mouse Patched 1/PTCH (First Extracellular Loop) Antibody

RRID:AB_2174045

Type: Antibody

Proper Citation

R and D Systems Cat# MAB41051, RRID:AB_2174045

Antibody Information

URL: http://antibodyregistry.org/AB_2174045

Proper Citation: R and D Systems Cat# MAB41051, RRID:AB_2174045

Target Antigen: Patched 1/PTCH

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Western Blot, Immunohistochemistry

Antibody Name: Human/Mouse Patched 1/PTCH (First Extracellular Loop) Antibody

Description: This monoclonal targets Patched 1/PTCH

Target Organism: Human, Mouse

Clone ID: 413220

Antibody ID: AB_2174045

Vendor: R and D Systems

Catalog Number: MAB41051

Alternative Catalog Numbers: MAB41051-SP

Record Creation Time: 20250819T223603+0000

Record Last Update: 20250820T024310+0000

Ratings and Alerts

- Used for immunofluorescence microscopy assay by the Human Islet Research Network community. Contact(s): [Douglas Melton](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Human/Mouse Patched 1/PTCH (First Extracellular Loop) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Okuda H, et al. (2022) Hedgehog signaling plays a crucial role in hyperalgesia associated with neuropathic pain in mice. Journal of neurochemistry, 162(2), 207.

La Sala G, et al. (2020) Gpr37l1/prosaposin receptor regulates Ptch1 trafficking, Shh production, and cell proliferation in cerebellar primary astrocytes. Journal of neuroscience research.

Sharon N, et al. (2019) Wnt Signaling Separates the Progenitor and Endocrine Compartments during Pancreas Development. Cell reports, 27(8), 2281.