

Resource Summary Report

Generated by [RRID](#) on Jul 31, 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 [RRID](#) .

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.