

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

anti-Hop Antibody (E-1)

RRID:AB_2687966

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-398703, RRID:AB_2687966

Antibody Information

URL: http://antibodyregistry.org/AB_2687966

Proper Citation: Santa Cruz Biotechnology Cat# sc-398703, RRID:AB_2687966

Target Antigen: Hop

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommended applications: WB, IP, IF, IHC-P, ELISA. Raised against amino acids 1-73 representing full length Hop of human origin.

Antibody Name: anti-Hop Antibody (E-1)

Description: This monoclonal targets Hop

Target Organism: rat, mouse, human

Clone ID: E-1

Antibody ID: AB_2687966

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-398703

Record Creation Time: 20250819T233925+0000

Record Last Update: 20250820T060051+0000

Ratings and Alerts

No rating or validation information has been found for anti-Hop Antibody (E-1).

No alerts have been found for anti-Hop Antibody (E-1).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Kim B, et al. (2025) Protocol for establishing genetically engineered murine lung organoids mimicking cell plasticity and regeneration. STAR protocols, 6(3), 103911.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. Cell reports. Medicine, 6(3), 101986.

Szachowicz PJ, et al. (2025) Complement is primarily activated in the lung in a mouse model of severe COVID-19. iScience, 28(3), 111930.

Yent??r Z, et al. (2025) Human dorsal forebrain organoids show differentiation-state-specific protein secretion. iScience, 28(7), 112935.

Talvi S, et al. (2024) Embigin deficiency leads to delayed embryonic lung development and high neonatal mortality in mice. iScience, 27(2), 108914.

Hendriks D, et al. (2024) Human fetal brain self-organizes into long-term expanding organoids. Cell, 187(3), 712.

Kim B, et al. (2024) CRACD loss induces neuroendocrine cell plasticity of lung adenocarcinoma. Cell reports, 43(6), 114286.

He H, et al. (2023) PRDM3/16 Regulate Chromatin Accessibility Required for NKX2-1 Mediated Alveolar Epithelial Differentiation and Function. bioRxiv : the preprint server for biology.

Nabhan AN, et al. (2023) Targeted alveolar regeneration with Frizzled-specific agonists. Cell, 186(14), 2995.

Cardenas-Diaz FL, et al. (2023) Temporal and spatial staging of lung alveolar regeneration is determined by the grainyhead transcription factor Tfcp2l1. Cell reports, 42(5), 112451.

Warren R, et al. (2023) Hippo signaling impairs alveolar epithelial regeneration in pulmonary fibrosis. eLife, 12.

Shiraishi K, et al. (2023) Biophysical forces mediated by respiration maintain lung alveolar epithelial cell fate. Cell, 186(7), 1478.

Wang Z, et al. (2023) Enhanced glycolysis-mediated energy production in alveolar stem cells is required for alveolar regeneration. *Cell stem cell*, 30(8), 1028.

Herriges MJ, et al. (2023) Durable alveolar engraftment of PSC-derived lung epithelial cells into immunocompetent mice. *Cell stem cell*, 30(9), 1217.

Hahn N, et al. (2023) Protecting RNA quality for spatial transcriptomics while improving immunofluorescent staining quality. *Frontiers in neuroscience*, 17, 1198154.

Niethamer TK, et al. (2023) Atf3 defines a population of pulmonary endothelial cells essential for lung regeneration. *eLife*, 12.

Ng WH, et al. (2022) Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells. *eLife*, 11.

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. *Developmental cell*, 57(13), 1566.

Louie SM, et al. (2022) Progenitor potential of lung epithelial organoid cells in a transplantation model. *Cell reports*, 39(2), 110662.

Xu J, et al. (2022) Excess neuropeptides in lung signal through endothelial cells to impair gas exchange. *Developmental cell*, 57(7), 839.