

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

ZO-1 (D6L1E) Rabbit mAb

RRID:AB_2798287

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 13663, RRID:AB_2798287

Antibody Information

URL: http://antibodyregistry.org/AB_2798287

Proper Citation: Cell Signaling Technology Cat# 13663, RRID:AB_2798287

Target Antigen: ZO1

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: ZO-1 (D6L1E) Rabbit mAb

Description: This recombinant monoclonal targets ZO1

Target Organism: monkey, human

Clone ID: Clone D6L1E

Antibody ID: AB_2798287

Vendor: Cell Signaling Technology

Catalog Number: 13663

Record Creation Time: 20231110T032813+0000

Record Last Update: 20260829T060424+0000

Ratings and Alerts

No rating or validation information has been found for ZO-1 (D6L1E) Rabbit mAb.

No alerts have been found for ZO-1 (D6L1E) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Mukherjee S, et al. (2026) A single *Citrobacter rodentium* infection in Pink1 knockout and wild-type mice leads to regional blood-brain-barrier perturbation and limited microglial activation without dopamine neuron axon terminal loss. *PLoS pathogens*, 22(6), e1014315.

Fang C, et al. (2026) TGF- β 1-induced endothelial transcytosis drives blood-brain barrier leakage during aging. *Neuron*.

Maqoud F, et al. (2026) Modulation of KATP channels by diazoxide preserves mitochondrial function and barrier integrity under staurosporine-induced epithelial stress. *British journal of pharmacology*, 183(12), 3213.

Sun Y, et al. (2026) FOSL1-mediated super-enhancer facilitates pathological scarring. *Cell reports*, 45(7), 117667.

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

Wang C, et al. (2025) Human-induced pluripotent stem cell-derived neural stem cell exosomes improve blood-brain barrier function after intracerebral hemorrhage by activating astrocytes via PI3K/AKT/MCP-1 axis. *Neural regeneration research*, 20(2), 518.

Kaur G, et al. (2025) NADPH oxidase 1-PKC α -dependent ZO-1 phosphorylation mediates IL-33-induced inner blood-retinal barrier disruption in proliferative retinopathies. *American journal of physiology. Cell physiology*, 329(5), C1577.

Frey Y, et al. (2024) Regulation of the DLC3 tumor suppressor by a novel phosphoswitch. *iScience*, 27(7), 110203.

Weber CM, et al. (2024) Impacts of APOE- ϵ 4 and exercise training on brain microvascular endothelial cell barrier function and metabolism. *EBioMedicine*, 111, 105487.

Li Y, et al. (2023) Targeting 14-3-3 σ by a small-molecule compound AI-34 maintains epithelial barrier integrity and alleviates colitis in mice via stabilizing β -catenin. *Journal of pharmacological sciences*, 152(4), 210.

Ouyang H, et al. (2023) p120 RasGAP and ZO-2 are essential for Hippo signaling and tumor-suppressor function mediated by p190A RhoGAP. *Cell reports*, 42(12), 113486.

Zhang L, et al. (2023) Fucoxanthin ameliorates traumatic brain injury by suppressing the blood-brain barrier disruption. *iScience*, 26(11), 108270.

Ye G, et al. (2022) The FAP ? -activated prodrug Z-GP-DAVLBH inhibits the growth and pulmonary metastasis of osteosarcoma cells by suppressing the AXL pathway. *Acta pharmaceutica Sinica. B*, 12(3), 1288.

Capeling MM, et al. (2022) Suspension culture promotes serosal mesothelial development in human intestinal organoids. *Cell reports*, 38(7), 110379.

Lai R, et al. (2022) Stanniocalcin2 inhibits the epithelial-mesenchymal transition and invasion of trophoblasts via activation of autophagy under high-glucose conditions. *Molecular and cellular endocrinology*, 547, 111598.

Gu Y, et al. (2022) Transmembrane protein KIRREL1 regulates Hippo signaling via a feedback loop and represents a therapeutic target in YAP/TAZ-active cancers. *Cell reports*, 40(9), 111296.

Zheng YF, et al. (2021) A novel tri-culture model for neuroinflammation. *Journal of neurochemistry*, 156(2), 249.