Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 29, 2025

ZO-1 Monoclonal Antibody (ZO1-1A12), Alexa Fluor™ 488

RRID:AB_2532187
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 339188, RRID:AB_2532187)

Antibody Information

URL: http://antibodyregistry.org/AB_2532187

Proper Citation: (Thermo Fisher Scientific Cat# 339188, RRID:AB_2532187)

Target Antigen: ZO-1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB (1-2 µg/mL), ELISA (0.1-1.0 µg/mL (unconjugated)), ICC/IF (5 µg/mL)

Antibody Name: ZO-1 Monoclonal Antibody (ZO1-1A12), Alexa Fluor™ 488

Description: This monoclonal targets ZO-1

Target Organism: canine, human

Clone ID: Clone ZO1-1A12

Defining Citation: PMID:24302586, PMID:25566882, PMID:23917149, PMID:22670221, PMID:26503466, PMID:25217631

Antibody ID: AB_2532187

Vendor: Thermo Fisher Scientific

Catalog Number: 339188

Record Creation Time: 20231110T035536+0000

Record Last Update: 20240724T235141+0000

Ratings and Alerts

No rating or validation information has been found for ZO-1 Monoclonal Antibody (ZO1-1A12), Alexa Fluor™ 488.

No alerts have been found for ZO-1 Monoclonal Antibody (ZO1-1A12), Alexa Fluor™ 488.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Anand GM, et al. (2023) Controlling organoid symmetry breaking uncovers an excitable system underlying human axial elongation. Cell, 186(3), 497.

Yaman YI, et al. (2023) Controlling human organoid symmetry breaking reveals signaling gradients drive segmentation clock waves. Cell, 186(3), 513.

Gray GK, et al. (2023) Single-cell and spatial analyses reveal a tradeoff between murine mammary proliferation and lineage programs associated with endocrine cues. Cell reports, 42(10), 113293.

Negoro R, et al. (2022) Generation of Caco-2 cells stably expressing CYP3A4·POR·UGT1A1 and CYP3A4·POR·UGT1A1*6 using a PITCh system. Archives of toxicology, 96(2), 499.

Uehara H, et al. (2021) Start codon disruption with CRISPR/Cas9 prevents murine Fuchs' endothelial corneal dystrophy. eLife, 10.

Roy A, et al. (2019) PI3K-Yap activity drives cortical gyrification and hydrocephalus in mice. eLife, 8.

Lavado A, et al. (2018) The Hippo Pathway Prevents YAP/TAZ-Driven Hypertranscription and Controls Neural Progenitor Number. Developmental cell, 47(5), 576.

Zhang C, et al. (2018) Long-Term In Vitro Expansion of Epithelial Stem Cells Enabled by

Pharmacological Inhibition of PAK1-ROCK-Myosin II and TGF-? Signaling. Cell reports, 25(3), 598.

Xu J, et al. (2017) SNX16 Regulates the Recycling of E-Cadherin through a Unique Mechanism of Coordinated Membrane and Cargo Binding. Structure (London, England : 1993), 25(8), 1251.

Mok KW, et al. (2015) rpS6 regulates blood-testis barrier dynamics through Arp3-mediated actin microfilament organization in rat sertoli cells. An in vitro study. Endocrinology, 156(5), 1900.