

# Resource Summary Report

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## Rat Anti-Mouse ZO-1 Monoclonal Antibody, Unconjugated

RRID:AB\_2205518

Type: Antibody

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### Proper Citation

(DSHB Cat# R26.4C, RRID:AB\_2205518)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2205518](http://antibodyregistry.org/AB_2205518)

**Proper Citation:** (DSHB Cat# R26.4C, RRID:AB\_2205518)

**Target Antigen:** Rat Mouse ZO-1

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** manufacturer recommendations: IgG1, kappa light chain Western Blot; Immunoblotting

**Antibody Name:** Rat Anti-Mouse ZO-1 Monoclonal Antibody, Unconjugated

**Description:** This monoclonal targets Rat Mouse ZO-1

**Target Organism:** pig, mouse, positive rat, dog

**Antibody ID:** AB\_2205518

**Vendor:** DSHB

**Catalog Number:** R26.4C

**Record Creation Time:** 20241016T224106+0000

**Record Last Update:** 20241016T232040+0000

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## Ratings and Alerts

No rating or validation information has been found for Rat Anti-Mouse ZO-1 Monoclonal Antibody, Unconjugated.

No alerts have been found for Rat Anti-Mouse ZO-1 Monoclonal Antibody, Unconjugated.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 30 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Flinois A, et al. (2024) Paracingulin recruits CAMSAP3 to tight junctions and regulates microtubule and polarized epithelial cell organization. *Journal of cell science*, 137(5).

Gredler ML, et al. (2023) Multicellular rosettes link mesenchymal-epithelial transition to radial intercalation in the mouse axial mesoderm. *Developmental cell*, 58(11), 933.

Jia S, et al. (2023) The dark kinase STK32A regulates hair cell planar polarity opposite of EMX2 in the developing mouse inner ear. *eLife*, 12.

Sluysmans S, et al. (2021) WW, PH and C-Terminal Domains Cooperate to Direct the Subcellular Localizations of PLEKHA5, PLEKHA6 and PLEKHA7. *Frontiers in cell and developmental biology*, 9, 729444.

Brooks ER, et al. (2020) Sonic hedgehog signaling directs patterned cell remodeling during cranial neural tube closure. *eLife*, 9.

Seymour PA, et al. (2020) Jag1 Modulates an Oscillatory Dll1-Notch-Hes1 Signaling Module to Coordinate Growth and Fate of Pancreatic Progenitors. *Developmental cell*, 52(6), 731.

Duan J, et al. (2019) Rational Reprogramming of Cellular States by Combinatorial Perturbation. *Cell reports*, 27(12), 3486.

Shah J, et al. (2018) A Dock-and-Lock Mechanism Clusters ADAM10 at Cell-Cell Junctions to Promote  $\beta$ -Toxin Cytotoxicity. *Cell reports*, 25(8), 2132.

Spadaro D, et al. (2017) Tension-Dependent Stretching Activates ZO-1 to Control the Junctional Localization of Its Interactors. *Current biology : CB*, 27(24), 3783.

Nagatake T, et al. (2014) Enteroendocrine cells are specifically marked by cell surface expression of claudin-4 in mouse small intestine. *PloS one*, 9(6), e90638.

Maiers JL, et al. (2013) ZO-1 recruitment to  $\beta$ -catenin--a novel mechanism for coupling the assembly of tight junctions to adherens junctions. *Journal of cell science*, 126(Pt 17), 3904.

Zhang J, et al. (2013) Filamin A regulates neuronal migration through brefeldin A-inhibited guanine exchange factor 2-dependent Arf1 activation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 33(40), 15735.

Antosova B, et al. (2013) Ectopic activation of Wnt/ $\beta$ -catenin signaling in lens fiber cells results in cataract formation and aberrant fiber cell differentiation. *PloS one*, 8(10), e78279.

Adams M, et al. (2012) A meckelin-filamin A interaction mediates ciliogenesis. *Human molecular genetics*, 21(6), 1272.

Garay E, et al. (2010) CRTAM: A molecule involved in epithelial cell adhesion. *Journal of cellular biochemistry*, 111(1), 111.

Booker-Dwyer T, et al. (2008) A unique cell population in the mouse olfactory bulb displays nuclear beta-catenin signaling during development and olfactory sensory neuron regeneration. *Developmental neurobiology*, 68(7), 859.

Chen H, et al. (2007) Trophic factors counteract elevated FGF-2-induced inhibition of adult neurogenesis. *Neurobiology of aging*, 28(8), 1148.

Bohl J, et al. (2007) The stardust family protein MPP7 forms a tripartite complex with LIN7 and DLG1 that regulates the stability and localization of DLG1 to cell junctions. *The Journal of biological chemistry*, 282(13), 9392.

Hernandez S, et al. (2007) ZO-2 silencing in epithelial cells perturbs the gate and fence function of tight junctions and leads to an atypical monolayer architecture. *Experimental cell research*, 313(8), 1533.

Tumbarello DA, et al. (2007) Hic-5 contributes to epithelial-mesenchymal transformation through a RhoA/ROCK-dependent pathway. *Journal of cellular physiology*, 211(3), 736.