Resource Summary Report

Generated by NIF on Aug 25, 2026

Occludin Monoclonal Antibody (OC-3F10)

RRID:AB_2533101
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 33-1500, RRID:AB_2533101)

Antibody Information

URL: http://antibodyregistry.org/AB_2533101

Proper Citation: (Thermo Fisher Scientific Cat# 33-1500, RRID:AB_2533101)

Target Antigen: Occludin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ELISA, ICC/IF, WB
Consolidation 6/2023: AB_10835246

Antibody Name: Occludin Monoclonal Antibody (OC-3F10)

Description: This monoclonal targets Occludin

Target Organism: rat, canine, mouse, human

Clone ID: Clone OC-3F10

Defining Citation: PMID:23408152, PMID:16505165, PMID:19478092, PMID:21790940, PMID:19084987, PMID:26914621, PMID:26885895, PMID:16140936, PMID:15550553, PMID:20949066, PMID:16786176, PMID:19095767, PMID:21632765, PMID:23023872, PMID:23820735, PMID:15718285, PMID:20086013, PMID:12660149, PMID:24264049, PMID:23862013, PMID:20432436, PMID:21191420, PMID:23365451, PMID:23777914, PMID:21900457, PMID:12527828, PMID:27130254, PMID:27037276, PMID:21617913, PMID:21060661, PMID:22654675, PMID:17914452, PMID:21739432, PMID:24116027, PMID:25789658, PMID:18647175, PMID:12700140, PMID:18817843, PMID:18838552, PMID:21757541, PMID:20566751, PMID:23773766, PMID:21966399, PMID:20881055, PMID:22160590, PMID:15294854, PMID:20508158, PMID:22574202, PMID:22759265, PMID:22048282, PMID:27217376, PMID:18399537, PMID:26675943, PMID:27044745, PMID:19457074, PMID:12615928, PMID:18580604, PMID:22842003, PMID:21257729,

PMID:18703662, PMID:20033365, PMID:25232867, PMID:19570856, PMID:24637461, PMID:23567221, PMID:26379091, PMID:18387175, PMID:12432083, PMID:27421304, PMID:21545357, PMID:24616513, PMID:18808450, PMID:24805256, PMID:16957815, PMID:25610756, PMID:26377465, PMID:24416363, PMID:16044431, PMID:26431948, PMID:25533682, PMID:15374814, PMID:25513955, PMID:16127426, PMID:22438811, PMID:22394074, PMID:26601824, PMID:21917810, PMID:21356382, PMID:20152835, PMID:16766545, PMID:25014440, PMID:25256013, PMID:26985677, PMID:27358069, PMID:26755608, PMID:18031476, PMID:21529785, PMID:19855054, PMID:22514600, PMID:26951793, PMID:18097951, PMID:20109100, PMID:24303180, PMID:16239297, PMID:21858117, PMID:16215741, PMID:22101763, PMID:26436734, PMID:27605665, PMID:11979369, PMID:22509281, PMID:15472219, PMID:20442866, PMID:26356851, PMID:22534246, PMID:22711802, PMID:25412440, PMID:15634758, PMID:25411471, PMID:14970258, PMID:17374535, PMID:20627932, PMID:15517105, PMID:22891322, PMID:25101232, PMID:19526522, PMID:25838984, PMID:11710912, PMID:11914275, PMID:26451343, PMID:23073616, PMID:16027150, PMID:25907035, PMID:12919942, PMID:25668816, PMID:12932229, PMID:17699569, PMID:15557217, PMID:26441079, PMID:26518252, PMID:11987548, PMID:17724169, PMID:20619648, PMID:25795020, PMID:25518808, PMID:25264329, PMID:23948304, PMID:20133632, PMID:21750862, PMID:22938763, PMID:12196510, PMID:18032476, PMID:14704716, PMID:17560040, PMID:24908389, PMID:23389293, PMID:24535401, PMID:22391951, PMID:19555995, PMID:22396724, PMID:26643193, PMID:20556794, PMID:21526198, PMID:17553883, PMID:20127760, PMID:23555257, PMID:25694458, PMID:25142595, PMID:18246436, PMID:22833424, PMID:22098176, PMID:16835298, PMID:25562461, PMID:22450752, PMID:11801722, PMID:15229101, PMID:25660727, PMID:17332497, PMID:19661227, PMID:24665408, PMID:25420655, PMID:17050739, PMID:20579278, PMID:25847918, PMID:23407391, PMID:17577610, PMID:17931362, PMID:23203158, PMID:23357502, PMID:25814153, PMID:24497581, PMID:27043020, PMID:22982819, PMID:25118298, PMID:25948584, PMID:19153196, PMID:20533305, PMID:25016930, PMID:22506129, PMID:12356578, PMID:25812522, PMID:25153024, PMID:17347813, PMID:19500802, PMID:25318952, PMID:12907427, PMID:24392113, PMID:25486565, PMID:17761946, PMID:25952154, PMID:26643275, PMID:25753034, PMID:23659500, PMID:19935706, PMID:22761260, PMID:26887345, PMID:23720720, PMID:11375422, PMID:20682309, PMID:25820364, PMID:21763689, PMID:15465913, PMID:19609962

Antibody ID: AB_2533101

Vendor: Thermo Fisher Scientific

Catalog Number: 33-1500

Record Creation Time: 20251213T073816+0000

Record Last Update: 20260225T231000+0000

Ratings and Alerts

No rating or validation information has been found for Occludin Monoclonal Antibody (OC-3F10).

No alerts have been found for Occludin Monoclonal Antibody (OC-3F10).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 57 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Ram DR, et al. (2026) Anti-IL-15 treatment reduces acute lentivirus inflammation and signaling in the brain. Cell reports. Medicine, 7(1), 102567.

Hensel IV, et al. (2026) Advanced human organoid-on-chip with physiological cellular complexity reveals bidirectional secretion patterns. iScience, 29(2), 114418.

Li H, et al. (2026) Nesfatin-1 Ameliorates Acute Pancreatitis by Inhibiting the Pyroptosis of Acinar Cells and Inflammation Mediated by Macrophages and Neutrophils. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(10), e71922.

Tang J, et al. (2026) PAR2-??-arrestin 2-ERK axis mediates Malassezia globosa-induced IL-17 response by disrupting ZO-1 in keratinocytes. iScience, 29(5), 115646.

Zink A, et al. (2026) Pluripotent stem-cell-based screening uncovers sildenafil as a mitochondrial disease therapy. Cell, 189(6), 1656.

Wang Y, et al. (2026) Qiling Hushen Formula Ameliorates Type 2 Diabetic Kidney Disease via Gut-Kidney Axis Restoration and TLR4/NF-??B/NLRP3 Suppression. Journal of diabetes research, 2026(1), e4391252.

Tambrin HM, et al. (2025) ARHGAP12 suppresses F-actin assembly to control epithelial tight junction mechanics and paracellular leak pathway permeability. Cell reports, 44(4), 115511.

Mauser HD, et al. (2025) In Vitro Comparison of Two Python-Based Programs for the Automated Analysis of Tight-Junction Phenotype in Brain Endothelium During Bacterial Infection. Cell biochemistry and function, 43(6), e70093.

Lee Q, et al. (2025) Deficiency in N-cadherin-Akt3 signaling impairs the blood-brain barrier. Cell reports, 44(6), 115831.

Drolia R, et al. (2025) Breaking Barriers: A Protocol to Investigate Intestinal Pathogen Adhesion, Invasion, and Translocation Through In Vitro, In Vivo, and Imaging Technologies. Methods in molecular biology (Clifton, N.J.), 2942, 1.

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. Neuron, 112(2), 209.

Peng S, et al. (2024) CRB1-associated retinal degeneration is dependent on bacterial translocation from the gut. Cell, 187(6), 1387.

Dao L, et al. (2024) Modeling blood-brain barrier formation and cerebral cavernous malformations in human PSC-derived organoids. Cell stem cell, 31(6), 818.

Tindle C, et al. (2024) A living organoid biobank of patients with Crohn's disease reveals molecular subtypes for personalized therapeutics. Cell reports. Medicine, 5(10), 101748.

O'Guinn ML, et al. (2024) FXR deletion attenuates intestinal barrier dysfunction in murine acute intestinal inflammation. American journal of physiology. Gastrointestinal and liver physiology, 327(2), G175.

Georgescu A, et al. (2024) Self-organization of the hematopoietic vascular niche and emergent innate immunity on a chip. Cell stem cell, 31(12), 1847.

Wang L, et al. (2023) Cadmium-induced Sertoli Cell Injury Through p38-MAPK and Related Signaling Proteins-A Study by RNA Sequencing. Endocrinology, 164(6).

Sol?? M, et al. (2023) Therapeutic effect of human ApoA-I-Milano variant in aged transgenic mouse model of Alzheimer's disease. British journal of pharmacology.

Baggio CH, et al. (2022) The dietary fibre rhamnogalacturonan improves intestinal epithelial barrier function in a microbiota-independent manner. British journal of pharmacology, 179(2), 337.

Tcw J, et al. (2022) Cholesterol and matrisome pathways dysregulated in astrocytes and microglia. Cell, 185(13), 2213.