Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 10, 2025

Phospho-Myosin Light Chain 2 (Ser19) Antibody

RRID:AB_330248
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3671, RRID:AB_330248)

Antibody Information

URL: http://antibodyregistry.org/AB_330248

Proper Citation: (Cell Signaling Technology Cat# 3671, RRID:AB_330248)

Target Antigen: Phospho-Myosin Light Chain 2 (Ser19)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IF-IC. Consolidation: AB_10859887, AB_330249.

Antibody Name: Phospho-Myosin Light Chain 2 (Ser19) Antibody

Description: This polyclonal targets Phospho-Myosin Light Chain 2 (Ser19)

Target Organism: rat, mouse, human

Antibody ID: AB_330248

Vendor: Cell Signaling Technology

Catalog Number: 3671

Alternative Catalog Numbers: 3671L, 3671P, 3671S, 3671T

Record Creation Time: 20231110T044929+0000

Record Last Update: 20241114T224634+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Myosin Light Chain 2 (Ser19) Antibody.

No alerts have been found for Phospho-Myosin Light Chain 2 (Ser19) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 101 mentions in open access literature.

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

Akhter MZ, et al. (2024) FAK regulates tension transmission to the nucleus and endothelial transcriptome independent of kinase activity. Cell reports, 43(6), 114297.

Dent LG, et al. (2024) Environmentally dependent and independent control of 3D cell shape. Cell reports, 43(5), 114016.

Wang L, et al. (2024) ADAMTS18-fibronectin interaction regulates the morphology of liver sinusoidal endothelial cells. iScience, 27(7), 110273.

Chhabra Y, et al. (2024) Sex-dependent effects in the aged melanoma tumor microenvironment influence invasion and resistance to targeted therapy. Cell, 187(21), 6016.

Cacho-Navas C, et al. (2024) ICAM-1 nanoclusters regulate hepatic epithelial cell polarity by leukocyte adhesion-independent control of apical actomyosin. eLife, 12.

Chen X, et al. (2024) Alarmin S100A8 imparts chemoresistance of esophageal cancer by reprogramming cancer-associated fibroblasts. Cell reports. Medicine, 5(6), 101576.

Jipp M, et al. (2024) Cell-substrate distance fluctuations of confluent cells enable fast and coherent collective migration. Cell reports, 43(8), 114553.

Sbrana F, et al. (2024) Label-free three-dimensional imaging and quantitative analysis of living fibroblasts and myofibroblasts by holotomographic microscopy. Microscopy research and technique, 87(11), 2757.

Chen X, et al. (2024) The FXR1 network acts as a signaling scaffold for actomyosin remodeling. Cell, 187(18), 5048.

Yu Lin MO, et al. (2024) YAP/TAZ Drive Agrin-Matrix Metalloproteinase 12-Mediated Diabetic Skin Wound Healing. The Journal of investigative dermatology.

Saleh J, et al. (2023) Length limitation of astral microtubules orients cell divisions in murine

intestinal crypts. Developmental cell, 58(17), 1519.

Jokl E, et al. (2023) PAK1-dependent mechanotransduction enables myofibroblast nuclear adaptation and chromatin organization during fibrosis. Cell reports, 42(11), 113414.

Garella R, et al. (2023) Adiponectin Modulates Smooth Muscle Cell Morpho-Functional Properties in Murine Gastric Fundus via Sphingosine Kinase 2 Activation. Life (Basel, Switzerland), 13(9).

Mellentine SQ, et al. (2023) Specific prostaglandins are produced in the migratory cells and the surrounding substrate to promote Drosophila border cell migration. bioRxiv : the preprint server for biology.

Dalkir FT, et al. (2023) The role of rhoA/rho-kinase and PKC in the inhibitory effect of L-cysteine/H2S pathway on the carbachol-mediated contraction of mouse bladder smooth muscle. Naunyn-Schmiedeberg's archives of pharmacology.

Mao Y, et al. (2023) ZXDC enhances cervical cancer metastasis through IGF2BP3-mediated activation of RhoA/ROCK signaling. iScience, 26(8), 107447.

Chen R, et al. (2023) Protective effects of low-intensity pulsed ultrasound (LIPUS) against cerebral ischemic stroke in mice by promoting brain vascular remodeling via the inhibition of ROCK1/p-MLC2 signaling pathway. Cerebral cortex (New York, N.Y. : 1991), 33(22), 10984.

Kato S, et al. (2023) Blastopore gating mechanism to regulate extracellular fluid excretion. iScience, 26(5), 106585.

Katsuta H, et al. (2023) Actin crosslinking by ?-actinin averts viscous dissipation of myosin force transmission in stress fibers. iScience, 26(3), 106090.

Mizoguchi Y, et al. (2023) ?-adrenergic receptor regulates embryonic epithelial extensibility through actomyosin inhibition. iScience, 26(12), 108469.