

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

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: 20250819T205235+0000

Record Last Update: 20250819T210638+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 111 mentions in open access literature.

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

Dong Z, et al. (2025) TRPM-mediated mechanoreception regulates myosin oscillation during tissue elongation. *Current biology : CB*, 35(23), 5793.

Williamson CR, et al. (2025) Reduced nephrin tyrosine phosphorylation impairs podocyte force transmission and accelerates detachment in disease. *iScience*, 28(6), 112673.

Garella R, et al. (2025) Growth Differentiation Factor 15 Induces Gastric Fundus Contraction Involving Cholinergic Excitation: Morphofunctional Evidence in Rodent Models. *Journal of cellular and molecular medicine*, 29(11), e70629.

Andrews TGR, et al. (2025) Mechanochemical coupling of cell shape and organ function optimizes heart size and contractile efficiency in zebrafish. *Developmental cell*.

Soulard M, et al. (2025) Elimination of cells with local mismatch in differentiation timing contributes to synchronize tissue development. *iScience*, 28(8), 113135.

Koo TY, et al. (2025) A covalent inhibitor targeting Cys16 on RhoA in colorectal cancer. *Cell chemical biology*.

Kar N, et al. (2025) The activation of INF2 by Piezo1/Ca²⁺ is required for mesenchymal-to-amoeboid transition in confined environments. *Current biology : CB*, 35(8), 1791.

Jacobs T, et al. (2025) Rho/Rok-dependent regulation of actomyosin contractility at tricellular junctions restricts epithelial permeability in *Drosophila*. *Current biology : CB*, 35(6), 1181.

Zhou Y, et al. (2025) Myosin-actin pattern links matrix stiffness to GFAT2-hyaluronan metabolism. *Materials today. Bio*, 35, 102305.

Herszterg S, et al. (2025) Signaling-dependent refinement of cell fate choice during tissue remodeling in *Drosophila* pupal wings. *Developmental cell*.

Totsuka T, et al. (2025) Ca²⁺-driven cytoplasmic backflow ensures spindle anchoring in fertilized mouse eggs. *Current biology : CB*, 35(16), 3839.

Hsu AY, et al. (2025) Neutrophil-derived vesicles control complement activation to facilitate inflammation resolution. *Cell*, 188(6), 1623.

Krell S, et al. (2025) Beta cells intrinsically sense and limit their secretory activity via mTORC1-RhoA signaling. *Cell reports*, 44(5), 115647.

Biber P, et al. (2025) USP9X is a mechanosensitive deubiquitinase that controls tumor cell invasiveness and drug response through YAP stabilization. *Cell reports*, 44(10), 116372.

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.

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

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

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

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