

Resource Summary Report

Generated by [NIF](#) on Aug 17, 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 126 mentions in open access literature.

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

Subramanian A, et al. (2026) Analysis of cranial tenocyte heterogeneity reveals a role for Wnt signaling in tendon attachments. *Development (Cambridge, England)*, 153(2).

Xiao W, et al. (2026) Metabolite-gated vascular contractility switch: OXGR1 activation mechanism enables agonist therapy for rosacea erythema. *Cell*, 189(7), 1990.

Wang CY, et al. (2026) Heart failure pleural fluid impairs endothelial barrier through miR 501-3p mediated ZO 1 remodeling. *iScience*, 29(5), 115549.

Bailleul R, et al. (2026) Deciphering mechanical determinants of morphological evolution. *Cell*, 189(9), 2598.

Hayward MK, et al. (2026) Tissue tension fosters macrophage-driven lipid peroxidation-induced DNA damage. *Cancer cell*, 44(6), 1255.

Skory RM, et al. (2026) Live imaging captures the events immediately following fertilization. *Developmental cell*.

Llorente-González C, et al. (2026) MYH9 mutations differentially stabilize non-muscle myosin II filaments and induce distinct cellular aggregation phenotypes. *Cellular and molecular life sciences : CMLS*, 83(1).

Wimmer R, et al. (2026) Two translocation mechanisms drive neural stem cell dissemination into the human fetal cortex. *Neuron*, 114(12), 2165.

Wang H, et al. (2026) Targeting the macrophage mechanosensing regulator CKAP4 accelerates the inflammatory-to-proliferative transition in wound healing. *Cell reports*, 45(6), 117395.

Jiang X, et al. (2026) Inflammation drives TGF β 1 activation via the α v β 6 integrin-mechanotransduction pathway in human skin. *iScience*, 29(3), 115052.

Marpeaux L, et al. (2026) A supracellular actin network transmits forces over long distances at the apical surface of squamous carcinoma cells. *Journal of cell science*, 139(4).

Akinpelu A, et al. (2026) Hydrostatic pressure reduces the mechanosensitivity of cell migration. *Science advances*, 12(26), eaed0981.

Yamamoto K, et al. (2026) Spatiotemporal mapping of the contractile and adhesive forces sculpting early *C. elegans* embryos. *Developmental cell*, 61(6), 1273.

Barcelo J, et al. (2026) Pan-cancer analysis reveals Rho kinase addiction as a vulnerability of de-differentiated cancer cells. *iScience*, 29(6), 116031.

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

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

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.

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

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.