

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

Myosin Light Chain 2 Antibody

RRID:AB_10692513

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3672, RRID:AB_10692513

Antibody Information

URL: http://antibodyregistry.org/AB_10692513

Proper Citation: Cell Signaling Technology Cat# 3672, RRID:AB_10692513

Target Antigen: Myosin Light Chain 2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10692513, AB_10860428, AB_330278.

Antibody Name: Myosin Light Chain 2 Antibody

Description: This polyclonal targets Myosin Light Chain 2

Target Organism: b, c, rat, porcine, h, m, mouse, r, pg, bovine, human

Antibody ID: AB_10692513

Vendor: Cell Signaling Technology

Catalog Number: 3672

Record Creation Time: 20250819T223740+0000

Record Last Update: 20250820T024739+0000

Ratings and Alerts

No rating or validation information has been found for Myosin Light Chain 2 Antibody.

No alerts have been found for Myosin Light Chain 2 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

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

Xiao J, et al. (2025) Coordination of Focal Adhesion Nanoarchitecture and Dynamics in Mechanosensing for Cardiomyoblast Differentiation. *ACS applied materials & interfaces*, 17(3), 4463.

de la Fuente-Vivas D, et al. (2025) ERK1/2 mitogen-activated protein kinase dimerization is essential for the regulation of cell motility. *Molecular oncology*, 19(2), 452.

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

Graziani V, et al. (2025) SLC7A11 protects amoeboid-disseminating cancer cells from oxidative stress. *Cell reports*, 44(7), 115939.

Lin Y, et al. (2024) Ras suppression potentiates rear actomyosin contractility-driven cell polarization and migration. *Nature cell biology*, 26(7), 1062.

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

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

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

Rachedi NS, et al. (2024) Dietary intake and glutamine-serine metabolism control pathologic vascular stiffness. *Cell metabolism*, 36(6), 1335.

Rivera Alvarez J, et al. (2023) The kinesin Kif21b regulates radial migration of cortical projection neurons through a non-canonical function on actin cytoskeleton. *Cell reports*, 42(7), 112744.

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

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

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.

Zhang K, et al. (2022) mTORC1 signaling facilitates differential stem cell differentiation to shape the developing murine lung and is associated with mitochondrial capacity. *Nature communications*, 13(1), 7252.

Posor Y, et al. (2022) Local synthesis of the phosphatidylinositol-3,4-bisphosphate lipid drives focal adhesion turnover. *Developmental cell*, 57(14), 1694.

Dufour CR, et al. (2022) Integrated multi-omics analysis of adverse cardiac remodeling and metabolic inflexibility upon ErbB2 and ERR α deficiency. *Communications biology*, 5(1), 955.

Akwii RG, et al. (2022) Angiopoietin-2-induced lymphatic endothelial cell migration drives lymphangiogenesis via the α_1 integrin-RhoA-formin axis. *Angiogenesis*, 25(3), 373.

Yano T, et al. (2021) A microtubule-LUZP1 association around tight junction promotes epithelial cell apical constriction. *The EMBO journal*, 40(2), e104712.

Arredondo-Amador M, et al. (2021) Epithelial deletion of the glucocorticoid receptor (Nr3c1) protects the mouse intestine against experimental inflammation. *British journal of pharmacology*, 178(12), 2482.