

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

Myosin light chain (phospho S20) antibody

RRID:AB_303094

Type: Antibody

Proper Citation

Abcam Cat# ab2480, RRID:AB_303094

Antibody Information

URL: http://antibodyregistry.org/AB_303094

Proper Citation: Abcam Cat# ab2480, RRID:AB_303094

Target Antigen: Myosin light chain (phospho S20) antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunofluorescence; Immunohistochemistry; Western Blot; Immunohistochemistry - frozen; Immunoprecipitation; Immunocytochemistry; Immunohistochemistry - fixed; ICC/IF, IHC-FoFr, IHC-P, IP, WB

Antibody Name: Myosin light chain (phospho S20) antibody

Description: This polyclonal targets Myosin light chain (phospho S20) antibody

Target Organism: rat, xenopusamphibian, mouse, human, c elegansworm

Antibody ID: AB_303094

Vendor: Abcam

Catalog Number: ab2480

Record Creation Time: 20231110T081201+0000

Record Last Update: 20260829T150144+0000

Ratings and Alerts

No rating or validation information has been found for Myosin light chain (phospho S20) antibody.

No alerts have been found for Myosin light chain (phospho S20) antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Sharan R, et al. (2026) Planar cell polarity-directed cell crawling drives polarized epithelial morphogenesis. *Current biology : CB*, 36(14), 3446.

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.

Huycke TR, et al. (2024) Patterning and folding of intestinal villi by active mesenchymal dewetting. *Cell*, 187(12), 3072.

Du W, et al. (2024) Myosin II mediates Shh signals to shape dental epithelia via control of cell adhesion and movement. *PLoS genetics*, 20(6), e1011326.

Hirashima T, et al. (2024) ERK-mediated curvature feedback regulates branching morphogenesis in lung epithelial tissue. *Current biology : CB*, 34(4), 683.

Liu J, et al. (2024) Measurement of adhesion and traction of cells at high yield (MATCHY) reveals an energetic ratchet driving nephron condensation. *bioRxiv : the preprint server for biology*.

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

Tang YC, et al. (2023) Coordination of non-professional efferocytosis and actomyosin contractility during epithelial tissue morphogenesis. *Cell reports*, 42(3), 112202.

Viola JM, et al. (2023) Rho/ROCK activity tunes cell compartment segregation and differentiation in nephron-forming niches. *bioRxiv : the preprint server for biology*.

Shiraishi K, et al. (2023) Biophysical forces mediated by respiration maintain lung alveolar epithelial cell fate. *Cell*, 186(7), 1478.

Gong X, et al. (2023) Volumetric Compression Shifts Rho GTPase Balance and Induces Mechanobiological Cell State Transition. *bioRxiv : the preprint server for biology*.

Nairon KG, et al. (2022) Tumor cell-conditioned media drives collagen remodeling via fibroblast and pericyte activation in an in?vitro premetastatic niche model. *iScience*, 25(7), 104645.

Alcantara MC, et al. (2022) Androgen-regulated MafB drives cell migration via MMP11-dependent extracellular matrix remodeling in mice. *iScience*, 25(12), 105609.

Tian H, et al. (2022) Induced retinal pigment epithelial cells with anti-epithelial-to-mesenchymal transition ability delay retinal degeneration. *iScience*, 25(10), 105050.

Gentile A, et al. (2021) The EMT transcription factor Snai1 maintains myocardial wall integrity by repressing intermediate filament gene expression. *eLife*, 10.

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.

Zhou J, et al. (2021) Microenvironmental innate immune signaling and cell mechanical responses promote tumor growth. *Developmental cell*, 56(13), 1884.

Chakraborty S, et al. (2021) Agrin-Matrix Metalloproteinase-12 axis confers a mechanically competent microenvironment in skin wound healing. *Nature communications*, 12(1), 6349.

Brewer CM, et al. (2021) Adaptations in Hippo-Yap signaling and myofibroblast fate underlie scar-free ear appendage wound healing in spiny mice. *Developmental cell*, 56(19), 2722.

Young RE, et al. (2020) Smooth Muscle Differentiation Is Essential for Airway Size, Tracheal Cartilage Segmentation, but Dispensable for Epithelial Branching. *Developmental cell*, 53(1), 73.