

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

Rabbit Anti-Myosin, light chain, phospho (Ser20) Polyclonal Antibody, Unconjugated

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)

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:
Western Blot; Immunocytochemistry, Western Blot

Antibody Name: Rabbit Anti-Myosin, light chain, phospho (Ser20) Polyclonal Antibody,
Unconjugated

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

Target Organism: all

Antibody ID: AB_303094

Vendor: Abcam

Catalog Number: ab2480

Record Creation Time: 20231110T045049+0000

Record Last Update: 20260831T184417+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Myosin, light chain, phospho (Ser20) Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Myosin, light chain, phospho (Ser20) Polyclonal Antibody, Unconjugated.

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.

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.

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

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*.

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

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

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.

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.

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

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.