

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

Anti-Actin, mouse monoclonal antibody (Clone C4)

RRID:AB_2335127

Type: Antibody

Proper Citation

MP Bio Cat# 08691001, RRID:AB_2335127

Antibody Information

URL: http://antibodyregistry.org/AB_2335127

Proper Citation: MP Bio Cat# 08691001, RRID:AB_2335127

Target Antigen: Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ELISA, Immunohistochemistry, Immunoblot, Immunofluorescence

Antibody Name: Anti-Actin, mouse monoclonal antibody (Clone C4)

Description: This monoclonal targets Actin

Target Organism: human

Clone ID: C4

Antibody ID: AB_2335127

Vendor: MP Bio

Catalog Number: 08691001

Alternative Catalog Numbers: 08691002

Record Creation Time: 20250820T034951+0000

Record Last Update: 20250820T171831+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Actin, mouse monoclonal antibody (Clone C4).

No alerts have been found for Anti-Actin, mouse monoclonal antibody (Clone C4).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Sabatier M, et al. (2026) GPX4 Inhibitor Resistance and Metastatic Features in Triple-Negative Breast Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(23), e23198.

Luan L, et al. (2026) Cullin-3 adaptor SHKBP1 inhibits SQSTM1/p62 oligomerization and Keap1 sequestration. *The Journal of cell biology*, 225(4).

Hilu-Dadia R, et al. (2025) Santa-maria is a glial phagocytic receptor that acts with SIMU to recognize and engulf apoptotic neurons. *Cell reports*, 44(1), 115201.

Saamarthy K, et al. (2025) An optimised Bcl-3 inhibitor for melanoma treatment. *British journal of pharmacology*, 182(11), 2426.

Stahl D, et al. (2025) CSF1R+ myeloid-monocytic cells drive CAR-T cell resistance in aggressive B cell lymphoma. *Cancer cell*, 43(8), 1476.

Egea-Rodriguez S, et al. (2025) RECQL4 affects MHC class II-mediated signalling and favours an immune-evasive signature that limits response to immune checkpoint inhibitor therapy in patients with malignant melanoma. *Clinical and translational medicine*, 15(1), e70094.

Cao X, et al. (2024) A phosphorylation-controlled switch confers cell cycle-dependent protein relocalization. *bioRxiv : the preprint server for biology*.

Gitlin AD, et al. (2024) N4BP1 coordinates ubiquitin-dependent crosstalk within the I κ B kinase family to limit Toll-like receptor signaling and inflammation. *Immunity*, 57(5), 973.

McMinimy R, et al. (2024) Reactive oxygen species control protein degradation at the mitochondrial import gate. *Molecular cell*, 84(23), 4612.

de Arce KP, et al. (2023) Concerted roles of LRRTM1 and SynCAM 1 in organizing prefrontal cortex synapses and cognitive functions. *Nature communications*, 14(1), 459.

Thierry S, et al. (2023) TL-532, a novel specific Toll-like receptor 3 agonist rationally designed for targeting cancers: discovery process and biological characterization.

Microbial cell (Graz, Austria), 10(6), 117.

Bruckman NG, et al. (2023) A novel function for the sperm adhesion protein IZUMO1 in cell-cell fusion. *The Journal of cell biology*, 222(2).

Liu X, et al. (2022) PRG-1 prevents neonatal stimuli-induced persistent hyperalgesia and memory dysfunction via NSF/Glu/GluR2 signaling. *iScience*, 25(9), 104989.

Hannan KM, et al. (2022) Nuclear stabilization of p53 requires a functional nucleolar surveillance pathway. *Cell reports*, 41(5), 111571.

Hariharan A, et al. (2022) Heterogeneous RNA editing and influence of ADAR2 on mesothelioma chemoresistance and the tumor microenvironment. *Molecular oncology*, 16(22), 3949.

Wehling L, et al. (2022) Spatial modeling reveals nuclear phosphorylation and subcellular shuttling of YAP upon drug-induced liver injury. *eLife*, 11.

Danelon V, et al. (2020) Modular and Distinct Plexin-A4/FARP2/Rac1 Signaling Controls Dendrite Morphogenesis. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(28), 5413.

Letizia A, et al. (2019) Sidekick Is a Key Component of Tricellular Adherens Junctions that Acts to Resolve Cell Rearrangements. *Developmental cell*, 50(3), 313.

Hayashi Y, et al. (2019) Mutations in *Caenorhabditis elegans* actin, which are equivalent to human cardiomyopathy mutations, cause abnormal actin aggregation in nematode striated muscle. *F1000Research*, 8, 279.

Zuo Z, et al. (2019) Structural and functional insights into the bona fide catalytic state of *Streptococcus pyogenes* Cas9 HNH nuclease domain. *eLife*, 8.