

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 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 23 mentions in open access literature.

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

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.

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

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

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.

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

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.

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

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.

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

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

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.

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

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.

Solis GM, et al. (2018) Translation attenuation by minocycline enhances longevity and proteostasis in old post-stress-responsive organisms. *eLife*, 7.

Conway E, et al. (2018) A Family of Vertebrate-Specific Polycombs Encoded by the LCOR/LCORL Genes Balance PRC2 Subtype Activities. *Molecular cell*, 70(3), 408.