Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

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: 20231110T041946+0000

Record Last Update: 20241115T095954+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 20 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Gitlin AD, et al. (2024) N4BP1 coordinates ubiquitin-dependent crosstalk within the I?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.

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.

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.

Brukman 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.

Aspernig H, et al. (2019) Mitochondrial Perturbations Couple mTORC2 to Autophagy in C. elegans. Cell reports, 29(6), 1399.

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.

Heijink AM, et al. (2019) Modeling of Cisplatin-Induced Signaling Dynamics in Triple-Negative Breast Cancer Cells Reveals Mediators of Sensitivity. Cell reports, 28(9), 2345.

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.

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

Martín-García R, et al. (2018) Paxillin-Mediated Recruitment of Calcineurin to the Contractile Ring Is Required for the Correct Progression of Cytokinesis in Fission Yeast. Cell reports, 25(3), 772.

Thomas RA, et al. (2018) The Nogo Receptor Ligand LGI1 Regulates Synapse Number and Synaptic Activity in Hippocampal and Cortical Neurons. eNeuro, 5(4).

Cao M, et al. (2017) Parkinson Sac Domain Mutation in Synaptojanin 1 Impairs Clathrin Uncoating at Synapses and Triggers Dystrophic Changes in Dopaminergic Axons. Neuron, 93(4), 882.