

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

Anti-Actin Antibody, clone C4

RRID:AB_2223041

Type: Antibody

Proper Citation

Millipore Cat# MAB1501, RRID:AB_2223041

Antibody Information

URL: http://antibodyregistry.org/AB_2223041

Proper Citation: Millipore Cat# MAB1501, RRID:AB_2223041

Target Antigen: Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ELISA, IC, IF, IH, IH(P), WB
Consolidation 2016: AB_11212828, AB_570950, AB_11214116, AB_94235

Antibody Name: Anti-Actin Antibody, clone C4

Description: This monoclonal targets Actin

Target Organism: all

Clone ID: Clone C4

Defining Citation: [PMID:19425080](#), [PMID:17335037](#)

Antibody ID: AB_2223041

Vendor: Millipore

Catalog Number: MAB1501

Alternative Catalog Numbers: MAB1501R, MAB150X

Record Creation Time: 20231110T081634+0000

Record Last Update: 20260829T112227+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Carmella Evans-Molina](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Anti-Actin Antibody, clone C4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 422 mentions in open access literature.

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

Cerasuolo A, et al. (2026) Human papillomavirus 16 E6 oncoprotein promotes up-regulation of RNA-binding protein Sam68 in head and neck cancer. *Frontiers in microbiology*, 17, 1657818.

Wada S, et al. (2026) Regulation of the endoplasmic reticulum stress sensor ATF6? through multiple oxidoreductases in the ER. *iScience*, 29(6), 116290.

Luo L, et al. (2026) CDK2 inhibitor BLU-222 synergizes with CDK4/6 inhibitors in drug resistant breast cancers through p21/p27 induction. *Nature communications*, 17(1), 619.

Dörner K, et al. (2026) Fluorescent protein and peptide tags alter condensate formation and dynamics in vivo and in vitro. *EMBO reports*, 27(1), 89.

Chen D, et al. (2026) Investigating the role of baseline gut *Akkermansia muciniphila* and its co-metabolite palmitoleic acid in BCG vaccine efficacy: a preclinical study. *EBioMedicine*, 130, 106404.

Deng GC, et al. (2026) Transthyretin-mediated regulation of neuropathic pain and anxiety-like behavior in the lateral parabrachial nucleus. *Cell reports*, 45(1), 116860.

Hill EJ, et al. (2026) Temporal regulation of human reactive astrocytes reveals their capacity for antigen presentation. *Neuron*, 114(13), 2331.

Brenner M, et al. (2026) Metabolic rewiring driven by phosphoglycolate phosphatase deletion inhibits ferroptosis. *Science advances*, 12(22), eaeb2368.

Pinto CS, et al. (2026) Actin arginylation alters myosin engagement and F-actin patterning despite structural conservation. *The Journal of cell biology*, 225(1).

Bronnec P, et al. (2026) SpeckSeq enables high-throughput functional stratification of MEFV variants in autoinflammatory diseases. *The Journal of experimental medicine*, 223(2).

Hsieh WC, et al. (2026) Hyperoside protects against poly-GR-mediated neurodegeneration via regulation of mitochondrial fission and oxidative stress in C9orf72-associated ALS. *Chinese medicine*, 21(1).

Goto S, et al. (2026) Lineage plasticity driven by GATA6 loss fuels colorectal cancer metastasis. *Cell stem cell*.

Gonzalez-Areizaga G, et al. (2026) Constraining regulatory domain dynamics of the Src kinase Fgr increases ATP-site inhibitor sensitivity and impairs bone marrow engraftment. *Cell reports*, 45(6), 117551.

Bott CJ, et al. (2026) Lipid transfer protein ORP3 mediates lysosomal repair via LC3B and ubiquitin-TAK1-p38 signaling. *bioRxiv : the preprint server for biology*.

Ikedo A, et al. (2026) Aromatase in adipose tissue exerts an osteoprotective function in male mice via phosphate regulation. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 41(3), 324.

Rockfield SM, et al. (2026) Protein domain characterization reveals human MIC60 tolerates loss of helical bundle domain. *bioRxiv : the preprint server for biology*.

Oakley RH, et al. (2026) Glucocorticoid Receptor Translational Isoforms Generate Unique Glucocorticoid Responses in the Mouse Brain. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(12), e72040.

Lewis AC, et al. (2026) Inhibition of heme biosynthesis triggers cuproptosis in acute myeloid leukemia. *Cell*, 189(1), 215.

Porschen LT, et al. (2026) Circulating sphingosine-1-phosphate depletion is associated with endothelial activation and altered brain-endothelial S1P pathway expression in ischemic stroke. *Fluids and barriers of the CNS*, 23(1).

Lahaye X, et al. (2025) Centromeric DNA amplification triggered by viral proteins activates nuclear cGAS. *Cell*, 188(15), 4043.