

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

Anti-?-Actin Antibody

RRID:AB_476744

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A5441, RRID:AB_476744

Antibody Information

URL: http://antibodyregistry.org/AB_476744

Proper Citation: Sigma-Aldrich Cat# A5441, RRID:AB_476744

Target Antigen: ?-Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: immunohistochemistry (formalin-fixed, paraffin-embedded sections), indirect ELISA, indirect immunofluorescence using cultured human or chicken fibroblasts, western blot using cultured human or chicken fibroblast cell extracts

Antibody Name: Anti-?-Actin Antibody

Description: This monoclonal targets ?-Actin

Target Organism: chicken, feline, rat, canine, pig, mouse, carp, rabbit, bovine, human, sheep

Clone ID: AC-15

Defining Citation: [PMID:19399893](#), [PMID:18785628](#), [PMID:20653035](#), [PMID:23322532](#)

Antibody ID: AB_476744

Vendor: Sigma-Aldrich

Catalog Number: A5441

Record Creation Time: 20250820T021258+0000

Record Last Update: 20250820T125956+0000

Ratings and Alerts

No rating or validation information has been found for Anti-?-Actin Antibody.

No alerts have been found for Anti-?-Actin Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 1175 mentions in open access literature.

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

Rampa DR, et al. (2026) Payload Diversification Overcomes Resistance and Guides Sequential Antibody-Drug Conjugate Therapy in Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(8), 1454.

Fan L, et al. (2026) Molecular characterization of Ebola virus glycoprotein V75A substitution in the 2018-2020 epidemic. *Cell*, 189(3), 818.

Tanaka LY, et al. (2026) A mechanism for the disrupted redox regulation of vascular contractility during aging. *iScience*, 29(1), 114264.

Molè MA, et al. (2026) Modeling human embryo implantation in vitro. *Cell*, 189(1), 87.

Burke CM, et al. (2026) Antitumor Activity of Trastuzumab Deruxtecan in Pediatric Solid Tumors with Variable HER2 Expression. *Molecular cancer therapeutics*, 25(1), 156.

Zhang Y, et al. (2026) SERPINA3 mediates liver cancer cells escape from chemotherapy-induced neutrophil extracellular trap killing. *Cell reports*, 45(2), 116956.

Blanco-Casoliva L, et al. (2026) Thrombospondin-4 is upregulated in abdominal aortic aneurysm: A vasoprotective response with potential therapeutic relevance. *British journal of pharmacology*, 183(12), 3321.

Battle-Recoder C, et al. (2026) DNA polymerase γ protects macrophages from DNA damage produced during pro-inflammatory activation. *Cell reports*, 45(3), 117081.

Wessendorf-Rodriguez K, et al. (2026) Modeling lipid homeostasis using stable isotope tracing and flux analysis. *Cell metabolism*, 38(3), 460.

Ocegueda E, et al. (2026) Role of Succinate Dehydrogenase in Age-Related Th17 Inflammation. *Aging cell*, 25(4), e70451.

Guilz NC, et al. (2026) Autosomal dominant CDC45 deficiency with allelic expression bias causes a novel genetic disease of the immune system. *bioRxiv : the preprint server for biology*.

Lörentz S, et al. (2026) SNAT1 (SLC38A1) Is Not the Main Glutamine Transporter in Melanoma, but Controls Metabolism via Glutamine-Dependent Activation of P62 (SQSTM1)/cMYC-Axis. *Cancers*, 18(7).

Sakers K, et al. (2026) Neuroligin-2 is ubiquitinated by Nedd4l to control developmental astrocyte morphogenesis. *The Journal of cell biology*, 225(7).

Sawada K, et al. (2026) Ambient temperature regulates CD4+ T cell tonic T cell receptor signaling and responsiveness. *iScience*, 29(5), 115801.

Seijo-Vila M, et al. (2026) Cannabinoid CB2 receptor drives trastuzumab resistance and predicts durable anti-HER2 response. *Oncogene*, 45(25), 2436.

Ueki H, et al. (2026) A CRISPR knockout mouse library for functional genomics in influenza research. *Cell*, 189(14), 4471.

Takamori S, et al. (2026) M1C IS NECESSARY FOR DARAXONRASIB RESISTANCE OF NSCLC KRAS(G12C) MUTANT CELLS. *bioRxiv : the preprint server for biology*.

Lee SH, et al. (2026) Pharmacogenetic mechanism of cilostazol-induced headaches: Splicing-mediated loss of ABCC5 gene function. *British journal of pharmacology*.

Lahme K, et al. (2026) Autoantibody-triggered podocyte membrane budding drives autoimmune kidney disease. *Cell*, 189(1), 123.

Hua S, et al. (2026) Spatiotemporal profiling of endocytic regulators in the immunosuppressive TAM microenvironment of glioma. *Brain research*, 1872, 150086.