

Resource Summary Report

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Monoclonal Anti-?-Actin antibody produced in mouse

RRID:AB_476697

Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# A2228, RRID:AB_476697)

Antibody Information

URL: http://antibodyregistry.org/AB_476697

Proper Citation: (Sigma-Aldrich Cat# A2228, RRID:AB_476697)

Target Antigen: ?-Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC, IHC

Antibody Name: Monoclonal Anti-?-Actin antibody produced in mouse

Description: This monoclonal targets ?-Actin

Target Organism: chicken, rat, abbit, canine, pig, mouse, carp, drosophila, cat, bovine, human, sheep

Clone ID: Clone AC-74

Antibody ID: AB_476697

Vendor: Sigma-Aldrich

Catalog Number: A2228

Record Creation Time: 20260610T070409+0000

Record Last Update: 20260828T180259+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti- β -Actin antibody produced in mouse.

No alerts have been found for Monoclonal Anti- β -Actin antibody produced in mouse.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 508 mentions in open access literature.

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

Qiao P, et al. (2026) Targeting DYRK1A with harmine abrogates the FOXO1-NF- κ B axis to alleviate cellular senescence and renal fibrosis. Mechanisms of ageing and development, 231, 112184.

Gracilla DE, et al. (2026) FET Fusion Oncoproteins Disrupt Physiologic DNA Repair and Create a Targetable Opportunity for ATR Inhibitor Therapy. Cancer research, 86(11), 2660.

Gockel N, et al. (2026) Schizophrenia-associated complement C4 impairs synaptic connectivity and decreases microglia-synapse interactions through CR3 signaling. Cell reports, 45(4), 117161.

Garcia GR, et al. (2026) U2AF regulates the translation and localization of nuclear-encoded mitochondrial mRNAs. Molecular cell, 86(7), 1293.

Thomé J, et al. (2026) A comparison of monocyte-derived macrophages with and without prior CD14⁺ magnetic sorting. Journal of immunological methods, 548, 114058.

Ramage DE, et al. (2026) LRRC58 defines an E3 ubiquitin ligase complex sensitive to cysteine abundance. Molecular cell, 86(14), 2828.

Jana S, et al. (2026) Collagen-Bearing Exosomes from Breast Cancer-Associated Fibroblasts Promote T-cell Dysfunction. Cancer research communications, 6(3), 630.

Mahama A, et al. (2026) HIV gp120 induces TREM1 expression through TLR-PGE β signalling in human monocyte-derived microglia. Journal of neuroinflammation, 23(1).

Zavala MR, et al. (2026) An INF2-dependent actin-mediated step in inositol 1,4,5-trisphosphate receptor cluster formation and activity. Current biology : CB, 36(12), 3088.

Mitra T, et al. (2026) MEK-dependent bioenergetic demand drives terminal CD8⁺ T cell exhaustion. Immunity.

Yu C, et al. (2026) Cyclophilin D, Regulator of Mitochondrial Permeability Transition and Bioenergetics, Promotes Adipogenic Differentiation of Mesenchymal Stem Cells. Cells,

15(6).

Schroeder M, et al. (2026) Placental iron transport under maternal stress: a missing link in foetal programming and mental health. *EBioMedicine*, 125, 106170.

Saurat N, et al. (2026) Genome-wide CRISPR screen identifies neddylation as a regulator of neuronal aging and AD neurodegeneration. *Cell stem cell*, 33(2), 355.

Li J, et al. (2026) PLGA nanoparticles restore acidic pH and degradative function to compromised lysosomes with Cy3-labeling providing enhanced tracking to lysosomes. *American journal of physiology. Cell physiology*, 330(2), C509.

Li L, et al. (2026) USP25 aggravates liver cancer development and impairs chemosensitivity by limiting LATS1 activation. *EMBO reports*, 27(9), 2406.

Xing J, et al. (2026) Deep-learning-based de novo discovery and design of therapeutics that reverse disease-associated transcriptional phenotypes. *Cell*, 189(9), 2556.

Chaubey GK, et al. (2026) Chronic hyperglycemia induces macrophage iron accumulation and promotes *Mycobacterium tuberculosis* virulence. *iScience*, 29(6), 116156.

Puangmalai N, et al. (2026) Connexin 50 mediates disease-relevant alpha-synuclein oligomer propagation and neuroinflammation in neurodegenerative disease. *iScience*, 29(7), 116399.

Lv L, et al. (2026) AI-driven therapeutic antisense oligonucleotide for processing-deficient progeroid laminopathies. *Med (New York, N.Y.)*, 101193.

Rouhimoghadam M, et al. (2026) Mechanistic dissection of SMARCA2/4 molecular glues reveals programmable switching between DCAF16 and FBXO22. *Cell chemical biology*.