

Resource Summary Report

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Mouse Anti-Actin, beta Monoclonal Antibody, Horseradish Peroxidase Conjugated, Clone AC-15

RRID:AB_262011

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A3854, RRID:AB_262011

Antibody Information

URL: http://antibodyregistry.org/AB_262011

Proper Citation: Sigma-Aldrich Cat# A3854, RRID:AB_262011

Target Antigen: Actin, beta

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Western Blot; Immunoblotting

Antibody Name: Mouse Anti-Actin, beta Monoclonal Antibody, Horseradish Peroxidase Conjugated, Clone AC-15

Description: This monoclonal targets Actin, beta

Target Organism: other, chicken, feline, chickenavian, rat, porcine, canine, pig, mouse, carp, drosophila, rabbit, bovine, human, sheep

Clone ID: Clone AC-15

Defining Citation: [PMID:19711416](#)

Antibody ID: AB_262011

Vendor: Sigma-Aldrich

Catalog Number: A3854

Record Creation Time: 20250820T044706+0000

Record Last Update: 20250820T195523+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Actin, beta Monoclonal Antibody, Horseradish Peroxidase Conjugated, Clone AC-15.

No alerts have been found for Mouse Anti-Actin, beta Monoclonal Antibody, Horseradish Peroxidase Conjugated, Clone AC-15.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 324 mentions in open access literature.

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

Zhou L, et al. (2026) p21-Positive Senescent Stromal Cells Promote Prostate Cancer Immune Suppression and Progression That Can Be Reversed by Senolytic Therapy. *Cancer discovery*, 16(3), 571.

Lee EJ, et al. (2026) JIN-A02, a Mutant-Selective Fourth-Generation EGFR Inhibitor, Overcomes C797S-Mediated Resistance and Demonstrates Intracranial Activity in NSCLC. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(9), 1835.

Zaganelli S, et al. (2026) Nuclear envelope budding enables export of large transcripts in muscle cells. *Cell*, 189(11), 3398.

Shen S, et al. (2026) ALDH1A3 promotes the lung metastatic organotropism of pancreatic ductal adenocarcinoma through semaphorin signaling. *iScience*, 29(6), 115950.

Akbar M, et al. (2026) Gut microbiota-derived succinate links proteostasis collapse to α -synuclein pathology and aging. *iScience*, 29(6), 115941.

Ariadel-Cobo DG, et al. (2026) Associations Between Klotho/FGF-Related Protein Expression in Peripheral Blood Mononuclear Cells, Inflammation, and Muscle Function in Middle-Aged Adults with Obesity: A Pilot Study. *International journal of molecular sciences*, 27(4).

Verteneuil S, et al. (2026) Cdk7 promotes neuritogenesis in cortical neurons and contributes to social behavior in mice. *Cellular and molecular life sciences : CMLS*, 83(1).

Zhao L, et al. (2026) Apatinib enhances anti-PD-1 efficacy by inhibiting Exo70-mediated exosome secretion in pMMR/MSS colorectal cancer. *NPJ precision oncology*.

Vitali R, et al. (2026) Fecal miRNome and Proteome Profiling Uncovers Stage-Specific Biomarkers of Alzheimer's Disease in 3xTg-AD Mice. *Cellular and molecular neurobiology*, 46(1).

Lupton CJ, et al. (2026) Structure of the lysosomal KICSTOR-GATOR1-SAMTOR nutrient-sensing supercomplex. *Cell*.

Karakaya E, et al. (2026) Eicosapentaenoic acid reprograms cerebrovascular metabolism and impairs repair after brain injury, with relevance to chronic traumatic encephalopathy. *Cell reports*, 117135.

Jia X, et al. (2026) NAD⁺ hydrolysis catalyzed by SelO is required for mitochondrial homeostasis. *Cell*, 189(9), 2633.

Wu T, et al. (2026) SARM1 executes neuronal parthanatos and promotes excitotoxic cell death. *Neuron*.

Yamamuro T, et al. (2026) Mitochondrial control of glycerolipid synthesis by a PEP shuttle. *Cell*, 189(10), 2988.

Park C, et al. (2026) A Rasa3-G β i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. *Cell reports*, 45(4), 117243.

Shin H, et al. (2026) ADAR1 regulates dsRNA formation in nuclear and mitochondrial transcripts through editing-dependent and -independent mechanisms. *Cell reports*, 45(3), 117026.

Tinano FR, et al. (2026) Mkrn3, Dlk1, and Mecp2 have distinct hypothalamic expression patterns across pubertal maturation in male and female mice. *Journal of the Endocrine Society*, 10(6), bvag086.

Mukherjee S, et al. (2026) A single *Citrobacter rodentium* infection in Pink1 knockout and wild-type mice leads to regional blood-brain-barrier perturbation and limited microglial activation without dopamine neuron axon terminal loss. *PLoS pathogens*, 22(6), e1014315.

Fidaleo AM, et al. (2026) LRRC8A-containing anion channels promote glioblastoma proliferation via a WNK1/mTORC2-dependent mechanism. *The Journal of physiology*, 604(5), 1995.

Singh D, et al. (2026) Antibody-Mediated Targeting of Secretory Protein SCUBE3 Suppresses Cancer Progression by Inhibiting Oncogenic Signaling and Inducing Antitumor Immunity. *Cancer research*, 86(5), 1252.