

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

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 301 mentions in open access literature.

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

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

Walvekar AS, et al. (2025) Failure to repair damaged NAD(P)H blocks de novo serine synthesis in human cells. *Cellular & molecular biology letters*, 30(1), 3.

Dunlap KN, et al. (2025) SLC7A5 is required for cancer cell growth under arginine-limited conditions. *Cell reports*, 44(1), 115130.

Kim Y, et al. (2025) Nanopore direct RNA sequencing of human transcriptomes reveals the complexity of mRNA modifications and crosstalk between regulatory features. *Cell genomics*, 5(6), 100872.

Sonntag N, et al. (2025) Pathogenic MCT8V235L creates a steric clash that is alleviated by a compensating mutation of MCT8F285A. *European thyroid journal*, 14(3).

Zhang P, et al. (2025) Systematic evaluation of GAPs and GEFs identifies a targetable dependency for hematopoietic malignancies. *Cancer discovery*.

Mittas DM, et al. (2025) Dual AAV vectors for efficient delivery of large transgenes. *Nature protocols*.

Tedeschi V, et al. (2025) Lysosomal TPC2 channel as a new target of chlorpromazine and clomipramine to induce protective autophagy in L-BMAA-induced neurodegeneration. *Biochemical pharmacology*, 242(Pt 2), 117219.

Dzwigonska M, et al. (2025) Hypoxic stress dysregulates functions of glioma-associated myeloid cells through epigenomic and transcriptional programs. *Cell reports*, 44(9), 116222.

Mussa BM, et al. (2025) Brain-Derived Neurotrophic Factor and Heat Shock Protein-32: Potential Targets for Microglial Response to Glucose and Oxygen Manipulation. *Molecular*

neurobiology, 63(1), 252.

??zen I, et al. (2025) Traumatic brain injury causes early aggregation of beta-amyloid peptides and NOTCH3 reduction in vascular smooth muscle cells of leptomeningeal arteries. *Acta neuropathologica*, 149(1), 10.

Carrillo Roas S, et al. (2025) Convergence of orphan quality control pathways at a ubiquitin chain-elongating ligase. *Molecular cell*, 85(4), 815.

Nasir F, et al. (2025) NaHS alters synaptic plasticity proteins and enhances dendritic arborization to improve cognitive and motor deficits after traumatic brain injury in mice. *British journal of pharmacology*, 182(5), 1183.

Sharda S, et al. (2025) Mangiferin modulates lipid metabolism via AKR1B1 in response to advanced glycation end products. *British journal of pharmacology*.

Matsushita M, et al. (2025) Peroxisomes are critical for a unique metabolic demand and survival of alveolar macrophages. *Cell reports*, 44(5), 115623.

Hanif SZ, et al. (2025) The Orphan G Protein-Coupled Receptor GPR52 is a Novel Regulator of Breast Cancer Multicellular Organization. *bioRxiv : the preprint server for biology*.

Liu XQ, et al. (2025) De novo assembly of nuclear stress bodies rearranges and enhances NFIL3 to restrain acute inflammatory responses. *Cell*, 188(17), 4586.

Chandler ML, et al. (2025) Subunit-specific roles of LRRC8 proteins in determining glutamate permeability of astrocytic volume-regulated anion channels. *bioRxiv : the preprint server for biology*.

Xu C, et al. (2025) Single-cell and spatial transcriptomics reveal a potential role of ATF3 in brain metastasis of lung adenocarcinoma. *Translational lung cancer research*, 14(1), 209.

Tan HCG, et al. (2025) Increased Activity-Dependent Bulk Endocytosis in Huntington's Disease Results From Huntingtin Haploinsufficiency. *Journal of neurochemistry*, 169(6), e70134.