

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

anti-?-Actin

RRID:AB_10697039

Type: Antibody

Proper Citation

MBL International Cat# M177-3, RRID:AB_10697039

Antibody Information

URL: http://antibodyregistry.org/AB_10697039

Proper Citation: MBL International Cat# M177-3, RRID:AB_10697039

Target Antigen: anti-?-Actin

Host Organism: mouse

Clonality: monoclonal

Comments: manufacturer recommendations: IgG1; IgG1 WB, IP; Immunoprecipitation; Western Blot

Antibody Name: anti-?-Actin

Description: This monoclonal targets anti-?-Actin

Target Organism: rat, ch, hamster, h, chicken/bird, m, mouse, r, ha, human

Antibody ID: AB_10697039

Vendor: MBL International

Catalog Number: M177-3

Record Creation Time: 20250819T223351+0000

Record Last Update: 20250820T023526+0000

Ratings and Alerts

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

No alerts have been found for anti-?-Actin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Pan T, et al. (2026) Balanced DNA-to-cytoplasm ratio at the 2-cell stage is critical for mouse preimplantation development. *iScience*, 29(1), 114416.

Okuzaki Y, et al. (2026) The chicken retrovirus-like gene ENS-1/ERNI and Soprano LTR are involved in primordial germ cell development. *iScience*, 29(7), 116434.

Ogawa A, et al. (2025) Adenosine kinase and ADAL coordinate detoxification of modified adenosines to safeguard metabolism. *Cell*.

Yoshimura A, et al. (2025) Taste receptor type 1 member 3 in osteoclasts regulates osteoclastogenesis via detection of glucose. *The Journal of biological chemistry*, 301(3), 108273.

Wakigawa T, et al. (2025) Monitoring the complexity and dynamics of mitochondrial translation. *Molecular cell*, 85(22), 4279.

Shirakawa T, et al. (2025) Regulation of cortical bone formation by SLIT and NTRK-like family member 1. *iScience*, 28(7), 112788.

Watanabe A, et al. (2025) The reaction mechanism for glycolysis side product degradation by Parkinson's disease-linked DJ-1. *The Journal of cell biology*, 224(8).

Xu H, et al. (2024) Cellular spermine targets JAK signaling to restrain cytokine-mediated autoimmunity. *Immunity*, 57(8), 1796.

Sui B, et al. (2024) Lyssavirus matrix protein inhibits NLRP3 inflammasome assembly by binding to NLRP3. *Cell reports*, 43(7), 114478.

Iriki T, et al. (2023) Senescent cells form nuclear foci that contain the 26S proteasome. *Cell reports*, 42(8), 112880.

Rojasawasthien T, et al. (2023) Nobiletin, a NF- κ B signaling antagonist, promotes BMP-induced bone formation. *FASEB bioAdvances*, 5(2), 62.

Liu W, et al. (2023) RNF138 inhibits late inflammatory gene transcription through degradation of SMARCC1 of the SWI/SNF complex. *Cell reports*, 42(2), 112097.

Matsukuma H, et al. (2023) Prominin-1 deletion results in spermatogenic impairment, sperm morphological defects, and infertility in mice. *Reproductive medicine and biology*, 22(1), e12514.

Zhu J, et al. (2023) Enzymolysis-based RNA pull-down identifies YTHDC2 as an inhibitor of antiviral innate response. *Cell reports*, 42(10), 113192.

Chhipi-Shrestha JK, et al. (2022) Splicing modulators elicit global translational repression by condensate-prone proteins translated from introns. *Cell chemical biology*, 29(2), 259.

Miyake M, et al. (2022) Identification of an endoplasmic reticulum proteostasis modulator that enhances insulin production in pancreatic β cells. *Cell chemical biology*, 29(6), 996.

Matsuura-Suzuki E, et al. (2022) METTL18-mediated histidine methylation of RPL3 modulates translation elongation for proteostasis maintenance. *eLife*, 11.

Miyake M, et al. (2021) Integrated stress response regulates GDF15 secretion from adipocytes, preferentially suppresses appetite for a high-fat diet and improves obesity. *iScience*, 24(12), 103448.

Han P, et al. (2020) Genome-wide Survey of Ribosome Collision. *Cell reports*, 31(5), 107610.

Hirayama M, et al. (2020) FTO Demethylates Cyclin D1 mRNA and Controls Cell-Cycle Progression. *Cell reports*, 31(1), 107464.