

Resource Summary Report

Generated by RRID on Sep 4, 2026

Beta Actin Antibody

RRID:AB_2782959

Type: Antibody

Proper Citation

Proteintech Cat# 66009-1-Ig, RRID:AB_2782959

Antibody Information

URL: http://antibodyregistry.org/AB_2782959

Proper Citation: Proteintech Cat# 66009-1-Ig, RRID:AB_2782959

Target Antigen: Beta Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Discontinued; Applications: ELISA, FC, IF, IHC, IP, WB

Antibody Name: Beta Actin Antibody

Description: This monoclonal targets Beta Actin

Target Organism: chicken, monkey, rat, Drosophila, hamster, goat, pig, swine, mouse, zebrafish, human

Clone ID: 2D4H5

Antibody ID: AB_2782959

Vendor: Proteintech

Catalog Number: 66009-1-Ig

Record Creation Time: 20231110T033003+0000

Record Last Update: 20260901T065206+0000

Ratings and Alerts

No rating or validation information has been found for Beta Actin Antibody.

Warning: Discontinued at Proteintech
Discontinued; Applications: ELISA, FC, IF, IHC, IP, WB

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Liu L, et al. (2026) Ginsenoside compound K up-regulates α -subunits of long-chain L-3-hydroxyacyl-CoA (HADHB) to promote fatty acid oxidation recovery and improve the balance of macrophage polarization in mice with ulcerative colitis. *British journal of pharmacology*, 183(13), 3633.

Liu Y, et al. (2026) Epigenetic control of microglial mitochondrial immunity by KAT7 drives Alzheimer's disease pathogenesis. *Neuron*.

Zhang J, et al. (2026) Astrocytic calcium-dependent enzyme PAD2 governs microglia activity to exacerbate amyloid pathology via citrullinated vimentin. *Immunity*, 59(6), 1579.

Ren D, et al. (2026) Gasdermin C reprograms metabolism through the CAMKK2-AMPK axis to promote lung adenocarcinoma progression and radioresistance. *Cell reports*, 45(6), 117427.

Wang X, et al. (2026) Chemotherapy triggers immune evasion by fostering LEPR⁺ Kupffer cell differentiation in liver metastases. *Cancer cell*, 44(3), 658.

Yang T, et al. (2026) Targeting the USP7-PRMT6 epigenetic axis overcomes chemoresistance in breast cancer by coordinating H3R2me2a deposition and RNF168 methylation for DNA repair and ferroptosis blockade. *Cell death and differentiation*, 33(8), 1598.

Cheng R, et al. (2026) Fenofibrate potentiates the therapeutic efficacy of EZH2 inhibitors on melanoma via TRIM21- and OTUD4-mediated EZH2 ubiquitination. *British journal of pharmacology*, 183(11), 2675.

Yan Z, et al. (2026) Fn14 signalling participates in pristane-induced murine lupus through exacerbating oxidative stress. *British journal of pharmacology*, 183(16), 5102.

Li X, et al. (2025) Microglial *Prirc2a* regulates microglia-neuron interaction in cerebellum and motor functions in mice. *iScience*, 28(12), 113949.

Li A, et al. (2025) Lactylation of LSD1 is an acquired epigenetic vulnerability of BRAFi/MEKi-resistant melanoma. *Developmental cell*, 60(14), 1974.

Lin Y, et al. (2025) Arginine Deprivation Induces Quiescence and Confers Vulnerability to Ferroptosis in Colorectal Cancer. *Cancer research*, 85(9), 1663.

Huang J, et al. (2025) RUNX2 isoform II protects cancer cells from ferroptosis and apoptosis by promoting PRDX2 expression in oral squamous cell carcinoma. *eLife*, 13.

Huo Y, et al. (2025) Ceramide mediates cell-to-cell ER stress transmission by modulating membrane fluidity. *The Journal of cell biology*, 224(5).

Yin S, et al. (2025) PARL stabilizes mitochondrial BCL-2 via Nur77-mediated scaffolding as a therapeutic strategy for Parkinson's disease. *Cell death & disease*, 16(1), 700.

Niu S, et al. (2024) PTPN23[Thr] variant reduces susceptibility and tumorigenesis in esophageal squamous cell carcinoma through dephosphorylation of EGFR. *Cancer letters*, 592, 216936.

Edelmann M, et al. (2024) Tumor Vessel Normalization via PFKFB3 Inhibition Alleviates Hypoxia and Increases Tumor Necrosis in Rectal Cancer upon Radiotherapy. *Cancer research communications*, 4(8), 2008.

Wang Y, et al. (2024) Targeting ALDOA to modulate tumorigenesis and energy metabolism in retinoblastoma. *iScience*, 27(9), 110725.

Chen Y, et al. (2024) Cancer-Associated Endocrine Cells Participate in Pancreatic Carcinogenesis. *Gastroenterology*, 167(6), 1167.

Tang GX, et al. (2024) Mitochondrial RelA empowers mtDNA G-quadruplex formation for hypoxia adaptation in cancer cells. *Cell chemical biology*, 31(10), 1800.

Xia W, et al. (2024) p53 promotes antiviral innate immunity by driving hexosamine metabolism. *Cell reports*, 43(2), 113724.