

Resource Summary Report

Generated by [NIF](#) on Sep 9, 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 [NIF](#) .

Liu L, et al. (2026) Ginsenoside compound K up-regulates ??-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 Prrc2a 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.