

# Resource Summary Report

Generated by [RRID](#) on Jul 8, 2024

## Beta Actin Antibody

RRID:AB\_2782959

Type: Antibody

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### Proper Citation

(Proteintech Cat# 66009-1-Ig, RRID:AB\_2782959)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2782959](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, drosophila, goat, hamster, human, monkey, mouse, pig, rat, swine, zebrafish

**Clone ID:** 2D4H5

**Antibody ID:** AB\_2782959

**Vendor:** Proteintech

**Catalog Number:** 66009-1-Ig

**Record Creation Time:** 20231110T033003+0000

**Record Last Update:** 20240530T212908+0000

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## 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

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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

Lin X, et al. (2024) Augmentation of scleral glycolysis promotes myopia through histone lactylation. *Cell metabolism*, 36(3), 511.

Ma W, et al. (2023) Astrocytic  $\gamma$ -containing nAChR signaling in the hippocampus governs the formation of temporal association memory. *Cell reports*, 42(7), 112674.

Zhao W, et al. (2023) Progesterone Activates the Histone Lactylation-Hif1 $\alpha$ -glycolysis Feedback Loop to Promote Decidualization. *Endocrinology*, 165(1).

Wang P, et al. (2023) Profiling the metabolome of uterine fluid for early detection of ovarian cancer. *Cell reports. Medicine*, 4(6), 101061.

Wen L, et al. (2023) The complement inhibitor CD59 is required for GABAergic synaptic transmission in the dentate gyrus. *Cell reports*, 42(4), 112349.

Lan Y, et al. (2023) IRP1 mediated ferroptosis reverses temozolomide resistance in glioblastoma via affecting LCN2/FPN1 signaling axis depended on NFKB2. *iScience*, 26(8), 107377.

Zhang CT, et al. (2023) Dephosphorylation of Six2Y129 protects tyrosine hydroxylase-positive cells in SNpc by regulating TEA domain 1 expression. *iScience*, 26(7), 107049.

Zheng Y, et al. (2022)  $\gamma$ -hydroxybutyrate inhibits ferroptosis-mediated pancreatic damage in acute liver failure through the increase of H3K9me3. *Cell reports*, 41(12), 111847.

Pan RY, et al. (2022) Positive feedback regulation of microglial glucose metabolism by histone H4 lysine 12 lactylation in Alzheimer's disease. *Cell metabolism*, 34(4), 634.

Xie B, et al. (2022) Proteomic Mapping and Targeting of Mitotic Pericentriolar Material in Tumors Bearing Centrosome Amplification. *Cancer research*, 82(14), 2576.

Li XL, et al. (2022) Blockade of TMEM16A protects against renal fibrosis by reducing intracellular Cl<sup>-</sup> concentration. *British journal of pharmacology*, 179(12), 3043.

Deng G, et al. (2022) Targeting cathepsin B by cycloastragenol enhances antitumor immunity of CD8 T cells via inhibiting MHC-I degradation. *Journal for immunotherapy of cancer*, 10(10).

Liu H, et al. (2021) IL-17 Inhibits Oligodendrocyte Progenitor Cell Proliferation and Differentiation by Increasing K<sup>+</sup> Channel Kv1.3. *Frontiers in cellular neuroscience*, 15, 679413.