

Resource Summary Report

Generated by [dkNET](#) on Apr 2, 2025

?-Actin (8H10D10) Mouse mAb

RRID:AB_2242334

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3700, RRID:AB_2242334)

Antibody Information

URL: http://antibodyregistry.org/AB_2242334

Proper Citation: (Cell Signaling Technology Cat# 3700, RRID:AB_2242334)

Target Antigen: beta-actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC, F
Consolidation on 7/2016: AB_10828322.

Antibody Name: ?-Actin (8H10D10) Mouse mAb

Description: This monoclonal targets beta-actin

Target Organism: rat, hamster, mouse, human

Clone ID: 8H10D10

Antibody ID: AB_2242334

Vendor: Cell Signaling Technology

Catalog Number: 3700

Alternative Catalog Numbers: 3700P, 3700S

Record Creation Time: 20231110T073542+0000

Record Last Update: 20241115T052924+0000

Ratings and Alerts

No rating or validation information has been found for ?-Actin (8H10D10) Mouse mAb.

No alerts have been found for ?-Actin (8H10D10) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 549 mentions in open access literature.

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

Soteriou C, et al. (2025) Two cooperative lipid binding sites within the pleckstrin homology domain are necessary for AKT binding and stabilization to the plasma membrane. *Structure* (London, England : 1993), 33(1), 181.

Wright SS, et al. (2025) Transplantation of gasdermin pores by extracellular vesicles propagates pyroptosis to bystander cells. *Cell*, 188(2), 280.

Abelman RO, et al. (2025) TOP1 Mutations and Cross-Resistance to Antibody-Drug Conjugates in Patients with Metastatic Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*.

Park PMC, et al. (2024) Polymerization of ZBTB transcription factors regulates chromatin occupancy. *Molecular cell*, 84(13), 2511.

Zha X, et al. (2024) Microbiota-derived lysophosphatidylcholine alleviates Alzheimer's disease pathology via suppressing ferroptosis. *Cell metabolism*.

Sztachera M, et al. (2024) Interrogation of RNA-bound proteome with XRNAX illuminates molecular alterations in the mouse brain affected with dysmyelination. *Cell reports*, 44(1), 115095.

Young TA, et al. (2024) Glutamate Transport Proteins and Metabolic Enzymes are Poor Prognostic Factors in Invasive Lobular Carcinoma. *bioRxiv : the preprint server for biology*.

Nolan ND, et al. (2024) CRISPR editing of anti-anemia drug target rescues independent preclinical models of retinitis pigmentosa. *Cell reports. Medicine*, 5(4), 101459.

Wright SS, et al. (2024) A bacterial toxin co-opts caspase-3 to disable active gasdermin D

and limit macrophage pyroptosis. *Cell reports*, 43(4), 114004.

Shukla S, et al. (2024) BET inhibitors as a therapeutic intervention in gastrointestinal gene signature-positive castration-resistant prostate cancer. *bioRxiv : the preprint server for biology*.

Brown RDR, et al. (2024) Overexpression of ORMDL3 confers sexual dimorphism in diet-induced non-alcoholic steatohepatitis. *Molecular metabolism*, 79, 101851.

Godieva V, et al. (2024) Physiological JNK3 Concentrations Are Higher in Motor-related and Disease-implicated Brain Regions of C57BL6/J Mice. *bioRxiv : the preprint server for biology*.

Li J, et al. (2024) Machine learning-based prediction models to guide the selection of Cas9 variants for efficient gene editing. *Cell reports*, 43(2), 113765.

Martellucci S, et al. (2024) Axon-derived PACSIN1 binds to the Schwann cell survival receptor, LRP1, and transactivates TrkC to promote gliatrophic activities. *Glia*, 72(5), 916.

Ayyappan V, et al. (2024) Context-dependent roles for ubiquitous mitochondrial creatine kinase CKMT1 in breast cancer progression. *Cell reports*, 43(4), 114121.

Fan Z, et al. (2024) Macrophages preserve endothelial cell specialization in the adrenal gland to modulate aldosterone secretion and blood pressure. *Cell reports*, 43(7), 114395.

Chen M, et al. (2024) Targeting of vulnerabilities of drug-tolerant persisters identified through functional genetics delays tumor relapse. *Cell reports. Medicine*, 5(3), 101471.

Lee JK, et al. (2024) Pim Kinase Inhibitors Increase Gilteritinib Cytotoxicity in FLT3-ITD Acute Myeloid Leukemia Through GSK-3 β Activation and c-Myc and Mcl-1 Proteasomal Degradation. *Cancer research communications*, 4(2), 431.

Ampudia-Mesias E, et al. (2024) The OTX2 Gene Induces Tumor Growth and Triggers Leptomeningeal Metastasis by Regulating the mTORC2 Signaling Pathway in Group 3 Medulloblastomas. *International journal of molecular sciences*, 25(8).

Lai Y, et al. (2024) Dietary elaidic acid boosts tumoral antigen presentation and cancer immunity via ACSL5. *Cell metabolism*, 36(4), 822.