

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Histone H3 (96C10) Mouse mAb

RRID:AB_1642229

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3638, RRID:AB_1642229

Antibody Information

URL: http://antibodyregistry.org/AB_1642229

Proper Citation: Cell Signaling Technology Cat# 3638, RRID:AB_1642229

Target Antigen: Histone H3 (96C10) Mouse mAb

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10429344, AB_10828254, AB_1642229.

Antibody Name: Histone H3 (96C10) Mouse mAb

Description: This monoclonal targets Histone H3 (96C10) Mouse mAb

Target Organism: drosophilaarthropod, rat, xenopusamphibian, h, dm, hr, m, horse, mouse, r, x, human, mk

Antibody ID: AB_1642229

Vendor: Cell Signaling Technology

Catalog Number: 3638

Record Creation Time: 20250820T060829+0000

Record Last Update: 20250820T232309+0000

Ratings and Alerts

No rating or validation information has been found for Histone H3 (96C10) Mouse mAb.

No alerts have been found for Histone H3 (96C10) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Cmarik EA, et al. (2026) Inhibition of USP7 Destabilizes the Noncanonical PRC1.1 Complex and Induces Neuroblastoma Differentiation. Molecular cancer research : MCR, 24(7), 555.

Umaru B, et al. (2026) BMI-1 modulation and trafficking during M phase in diffuse intrinsic pontine glioma. FEBS open bio, 16(6), 1213.

Tiwari PK, et al. (2026) An orally active dual CBP/p300 degrader targets core dependencies of multiple myeloma. Cell reports, 45(6), 117464.

Smith JJ, et al. (2025) A genetically encoded fluorescent biosensor for visualization of acetyl-CoA in live cells. Cell chemical biology, 32(2), 325.

Sine CC, et al. (2025) p16 expression confers sensitivity to CDK2 inhibitors in cyclin E1-driven ovarian cancers. Science signaling, 18(914), eadv0415.

Boutet M, et al. (2025) Mutations in MLL3 promote breast cancer progression via HIF1 α -dependent intratumoral recruitment and differentiation of regulatory T cells. Immunity, 58(8), 2035.

Dillingham CM, et al. (2025) KDM3A and KDM3B regulate alternative splicing in mouse pluripotent stem cells. iScience, 28(6), 112612.

Dang D, et al. (2025) Isocitrate dehydrogenase 1 primes group-3 medulloblastomas for cuproptosis. Cancer cell, 43(6), 1159.

Ramponi V, et al. (2025) H4K20me3-Mediated Repression of Inflammatory Genes Is a Characteristic and Targetable Vulnerability of Persister Cancer Cells. Cancer research, 85(1), 32.

Aikio M, et al. (2025) Opposing roles of p38 γ -mediated phosphorylation and PRMT1-mediated arginine methylation in driving TDP-43 proteinopathy. Cell reports, 44(1), 115205.

Wang L, et al. (2024) MOF-mediated acetylation of UHRF1 enhances UHRF1 E3 ligase activity to facilitate DNA methylation maintenance. Cell reports, 43(3), 113908.

Pobbati AV, et al. (2024) CDK9 Inhibition by Dinaciclib Is a Therapeutic Vulnerability in Epithelioid Hemangioendothelioma. Clinical cancer research : an official journal of the

American Association for Cancer Research, 30(18), 4179.

Kwon J, et al. (2023) Mevalonate biosynthesis pathway regulates the development and survival of brown adipocytes. *iScience*, 26(3), 106161.

Reisbeck L, et al. (2023) The iron chelator and OXPHOS inhibitor VLX600 induces mitophagy and an autophagy-dependent type of cell death in glioblastoma cells. *American journal of physiology. Cell physiology*, 325(6), C1451.

Zhao K, et al. (2023) MOF-mediated acetylation of SIRT6 disrupts SIRT6-FOXA2 interaction and represses SIRT6 tumor-suppressive function by upregulating ZEB2 in NSCLC. *Cell reports*, 42(8), 112939.

Arora M, et al. (2023) Rapid adaptation to CDK2 inhibition exposes intrinsic cell-cycle plasticity. *Cell*, 186(12), 2628.

Sundararajan S, et al. (2023) Methylated histones on mitotic chromosomes promote topoisomerase II β function for high fidelity chromosome segregation. *iScience*, 26(5), 106743.

Wang L, et al. (2023) ASCL1 characterizes adrenergic neuroblastoma via its pioneer function and cooperation with core regulatory circuit factors. *Cell reports*, 42(12), 113541.

Nicosia L, et al. (2023) Therapeutic targeting of EP300/CBP by bromodomain inhibition in hematologic malignancies. *Cancer cell*, 41(12), 2136.

Rho H, et al. (2023) Hexokinase 2-mediated gene expression via histone lactylation is required for hepatic stellate cell activation and liver fibrosis. *Cell metabolism*, 35(8), 1406.