

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

Mouse Anti-Histone H3 Monoclonal Antibody, Unconjugated, Clone 96C10

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

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Mouse Anti-Histone H3 Monoclonal Antibody, Unconjugated, Clone 96C10

Description: This monoclonal targets Histone H3

Target Organism: monkey, rat, simian, mouse, human

Clone ID: Clone 96C10

Antibody ID: AB_1642229

Vendor: Cell Signaling Technology

Catalog Number: 3638

Record Creation Time: 20250819T235257+0000

Record Last Update: 20250820T064300+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Histone H3 Monoclonal Antibody, Unconjugated, Clone 96C10.

No alerts have been found for Mouse Anti-Histone H3 Monoclonal Antibody, Unconjugated, Clone 96C10.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

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

Boutet M, et al. (2025) Mutations in MLL3 promote breast cancer progression via HIF1?-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.

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.

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

Aikio M, et al. (2025) Opposing roles of p38?-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.

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

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.

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.

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.

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

Janas JA, et al. (2022) Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. *Molecular cell*, 82(24), 4627.

Nguyen DT, et al. (2022) Acetylated HOXB13 Regulated Super Enhancer Genes Define Therapeutic Vulnerabilities of Castration-Resistant Prostate Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(18), 4131.

Panditharatna E, et al. (2022) BAF Complex Maintains Glioma Stem Cells in Pediatric H3K27M Glioma. *Cancer discovery*, 12(12), 2880.

Yang J, et al. (2022) Mst1/2 Is Necessary for Satellite Cell Differentiation to Promote Muscle Regeneration. *Stem cells (Dayton, Ohio)*, 40(1), 74.