

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

Rabbit Anti-Histone H3 XP??? (ChIP Formulated) Monoclonal Antibody, Unconjugated, Clone D2B12

RRID:AB_1904005

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4620, RRID:AB_1904005

Antibody Information

URL: http://antibodyregistry.org/AB_1904005

Proper Citation: Cell Signaling Technology Cat# 4620, RRID:AB_1904005

Target Antigen: Histone H3

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: ChIP

Antibody Name: Rabbit Anti-Histone H3 XP??? (ChIP Formulated) Monoclonal Antibody, Unconjugated, Clone D2B12

Description: This monoclonal targets Histone H3

Target Organism: chicken, monkey, chickenavian, rat, simian, xenopus, mouse, drosophila, fish, bovine, zebrafish, human

Clone ID: Clone D2B12

Antibody ID: AB_1904005

Vendor: Cell Signaling Technology

Catalog Number: 4620

Record Creation Time: 20250819T223914+0000

Record Last Update: 20250820T025246+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Histone H3 XP??? (ChIP Formulated) Monoclonal Antibody, Unconjugated, Clone D2B12.

No alerts have been found for Rabbit Anti-Histone H3 XP??? (ChIP Formulated) Monoclonal Antibody, Unconjugated, Clone D2B12.

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 [RRID](#) .

Zhang K, et al. (2026) Zinc Finger Protein 143 Promotes Endometriotic Lesion Growth and Fibrosis through the Plasminogen Activator Inhibitor-1 Pathway. The American journal of pathology.

Kittane S, et al. (2026) The Histone Methyltransferase KMT2D Is a Critical Mediator of Lineage Plasticity and Therapeutic Response in Castration-Resistant Prostate Cancer. Cancer research, 86(5), 1113.

Choudhury SR, et al. (2026) HOXC6 overexpression stimulates cell migration and correlates with poor prognosis in head and neck squamous cell carcinoma. Cellular and molecular life sciences : CMLS, 83(1), 77.

Gajda AM, et al. (2026) Ionic regulation of cancer cell stiffness and metastatic colonization via the MRTFA-KCNMB1 axis. Developmental cell, 61(6), 1223.

Chu Y, et al. (2025) Lactate modulates the function of myeloid-derived suppressor cells via Ten-Eleven-Translocation-2-mediated demethylation of glucocorticoid-inducible kinase 1 in lung cancer model. Frontiers in cell and developmental biology, 13, 1565993.

Bird SG, et al. (2025) Regulatory Role for Tumor Suppressor REST on Estrogen Receptor (ESR1) Expression and Leiomyoma Pathophysiology. bioRxiv : the preprint server for biology.

Ji L, et al. (2025) Identification of Schizophrenia-Risk Regulatory Variant rs1399178 in the Non-coding Region With Its Impact on NRF1 Binding. CNS neuroscience & therapeutics, 31(3), e70275.

Pelzer N, et al. (2025) PHF19 drives the formation of PRC2 clusters to enhance motility in TNBC cells. Cell reports, 44(10), 116391.

Yang Z, et al. (2025) Deficiency of HMGN2 enhances antibacterial activity of macrophages by promoting H3 histone modification-mediated CD14/iNOS expression. Frontiers in immunology, 16, 1621440.

Jiang J, et al. (2025) Hepatic sphingomyelin phosphodiesterase 3 promotes steatohepatitis by disrupting membrane sphingolipid metabolism. *Cell metabolism*, 37(5), 1119.

Lee SH, et al. (2025) Dynamic decoding of VEGF signaling and coordinated control of multiple phenotypes by the Src-TEM4-YAP pathway. *Cell systems*, 16(7), 101321.

Li XM, et al. (2024) Histone lactylation inhibits RAR γ expression in macrophages to promote colorectal tumorigenesis through activation of TRAF6-IL-6-STAT3 signaling. *Cell reports*, 43(2), 113688.

Deng R, et al. (2024) ISG12a promotes immunotherapy of HBV-associated hepatocellular carcinoma through blocking TRIM21/AKT/ β -catenin/PD-L1 axis. *iScience*, 27(4), 109533.

Sirisereephap K, et al. (2024) A novel macrolide-Del-1 axis to regenerate bone in old age. *iScience*, 27(2), 108798.

Vázquez-Liébanas E, et al. (2024) Mosaic deletion of claudin-5 reveals rapid non-cell-autonomous consequences of blood-brain barrier leakage. *Cell reports*, 43(3), 113911.

Ben-Crentsil NA, et al. (2024) RNA Shielding of p65 Is Required to Potentiate Oncogenic Inflammation in TET2-Mutated Clonal Hematopoiesis. *Cancer discovery*, 14(12), 2509.

Schwartz L, et al. (2024) Insulin receptor signaling engages bladder urothelial defenses that limit urinary tract infection. *Cell reports*, 43(4), 114007.

Bassani B, et al. (2024) ZEB1 shapes AML immunological niches, suppressing CD8 T cell activity while fostering Th17 cell expansion. *Cell reports*, 43(2), 113794.

Chen X, et al. (2024) Alarmin S100A8 imparts chemoresistance of esophageal cancer by reprogramming cancer-associated fibroblasts. *Cell reports. Medicine*, 5(6), 101576.

Inoue SI, et al. (2024) Short-term cold exposure induces persistent epigenomic memory in brown fat. *Cell metabolism*, 36(8), 1764.