

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Histone H3 (D2B12) XP Rabbit mAb (ChIP Formulated)

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 (D2B12) XP Rabbit mAb (ChIP Formulated)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: ChIP

Antibody Name: Histone H3 (D2B12) XP Rabbit mAb (ChIP Formulated)

Description: This monoclonal targets Histone H3 (D2B12) XP Rabbit mAb (ChIP Formulated)

Target Organism: b, c, rat, drosophilaarthropod, hm, hamster, xenopusamphibian, h, dm, m, mouse, r, chickenbird, zebrafishfish, x, bovine, z, human, mk

Antibody ID: AB_1904005

Vendor: Cell Signaling Technology

Catalog Number: 4620

Record Creation Time: 20250820T043522+0000

Record Last Update: 20250820T192305+0000

Ratings and Alerts

No rating or validation information has been found for Histone H3 (D2B12) XP Rabbit mAb (ChIP Formulated).

No alerts have been found for Histone H3 (D2B12) XP Rabbit mAb (ChIP Formulated).

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](#) .

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.

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.

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.

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*.

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.

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.

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

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

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.

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

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.

Taylor TC, et al. (2023) I?B? is an essential mediator of immunity to oropharyngeal candidiasis. *Cell host & microbe*, 31(10), 1700.

Ikenaka A, et al. (2023) SMN promotes mitochondrial metabolic maturation during myogenesis by regulating the MYOD-miRNA axis. *Life science alliance*, 6(3).

Huang TY, et al. (2023) Phosphoenolpyruvate regulates the Th17 transcriptional program and inhibits autoimmunity. *Cell reports*, 42(3), 112205.

He D, et al. (2022) Disruption of the IL-33-ST2-AKT signaling axis impairs neurodevelopment by inhibiting microglial metabolic adaptation and phagocytic function. *Immunity*, 55(1), 159.