

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 22, 2025

HDAC1 (D5C6U) XP®

RRID:AB_2756821

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 34589, RRID:AB_2756821)

Antibody Information

URL: http://antibodyregistry.org/AB_2756821

Proper Citation: (Cell Signaling Technology Cat# 34589, RRID:AB_2756821)

Target Antigen: HDAC1

Host Organism: rabbit

Clonality: unknown

Comments: Applications: W, IP, IF-IC, ChIP, ChIP-seq

Antibody Name: HDAC1 (D5C6U) XP®

Description: This unknown targets HDAC1

Target Organism: monkey, rat, mouse, human

Clone ID: D5C6U

Antibody ID: AB_2756821

Vendor: Cell Signaling Technology

Catalog Number: 34589

Record Creation Time: 20231110T033312+0000

Record Last Update: 20240725T081407+0000

Ratings and Alerts

No rating or validation information has been found for HDAC1 (D5C6U) XP®.

No alerts have been found for HDAC1 (D5C6U) XP®.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Poon EK, et al. (2024) A novel inhibitor of class IIa histone deacetylases attenuates collagen-induced arthritis. *British journal of pharmacology*, 181(23), 4804.

Ichiyama K, et al. (2024) Transcription factor Ikzf1 associates with Foxp3 to repress gene expression in Treg cells and limit autoimmunity and anti-tumor immunity. *Immunity*, 57(9), 2043.

Ravi D, et al. (2024) Deciphering the Metabolic Basis and Molecular Circuitry of the Warburg Paradox in Lymphoma. *Cancers*, 16(21).

Qin L, et al. (2024) Chronic hypoxia stabilizes 3HSD1 via autophagy suppression. *Cell reports*, 43(1), 113575.

Li Y, et al. (2024) BMP suppresses Wnt signaling via the Bcl11b-regulated NuRD complex to maintain intestinal stem cells. *The EMBO journal*, 43(23), 6032.

Zheng Y, et al. (2023) Modulation of cellular metabolism by protein crotonylation regulates pancreatic cancer progression. *Cell reports*, 42(7), 112666.

Xiao Y, et al. (2023) HDAC3 and HDAC8 PROTAC dual degrader reveals roles of histone acetylation in gene regulation. *Cell chemical biology*, 30(11), 1421.

Peterson JJ, et al. (2023) A histone deacetylase network regulates epigenetic reprogramming and viral silencing in HIV-infected cells. *Cell chemical biology*, 30(12), 1617.

Saha S, et al. (2022) Resolution of R-loops by topoisomerase III- γ (TOP3B) in coordination with the DEAD-box helicase DDX5. *Cell reports*, 40(2), 111067.

Moreira JD, et al. (2022) Histone deacetylase-2 controls IL-1 β production through the regulation of NLRP3 expression and activation in tuberculosis infection. *iScience*, 25(8), 104799.

Zhou N, et al. (2022) Deubiquitinase OTUD3 regulates metabolism homeostasis in response

to nutritional stresses. *Cell metabolism*, 34(7), 1023.

Mirlekar B, et al. (2022) Balance between immunoregulatory B cells and plasma cells drives pancreatic tumor immunity. *Cell reports. Medicine*, 3(9), 100744.

Mo X, et al. (2022) Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. *Cell*, 185(11), 1974.

Wang Q, et al. (2022) PTIP governs NAD⁺ metabolism by regulating CD38 expression to drive macrophage inflammation. *Cell reports*, 38(13), 110603.

Chen M, et al. (2021) An Epigenetic Mechanism Underlying Chromosome 17p Deletion-Driven Tumorigenesis. *Cancer discovery*, 11(1), 194.

Luo Q, et al. (2020) TRIM32/USP11 Balances ARID1A Stability and the Oncogenic/Tumor-Suppressive Status of Squamous Cell Carcinoma. *Cell reports*, 30(1), 98.

Vinogradova EV, et al. (2020) An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. *Cell*, 182(4), 1009.

Zhan X, et al. (2020) Glioma stem-like cells evade interferon suppression through MBD3/NuRD complex-mediated STAT1 downregulation. *The Journal of experimental medicine*, 217(5).