Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

Acetyl-Histone H3 (Lys27) (D5E4) XP Rabbit mAb

RRID:AB_10949503
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 8173, RRID:AB_10949503)

Antibody Information

URL: http://antibodyregistry.org/AB_10949503

Proper Citation: (Cell Signaling Technology Cat# 8173, RRID:AB_10949503)

Target Antigen: Acetyl-Histone H3 (Lys27) (D5E4) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC, F, ChIP, ChIP-seq. Consolidation on 11/2018: AB_10949503, AB_10949887, AB_2616015.

Antibody Name: Acetyl-Histone H3 (Lys27) (D5E4) XP Rabbit mAb

Description: This monoclonal targets Acetyl-Histone H3 (Lys27) (D5E4) XP Rabbit mAb

Target Organism: rat, hm, hamster, h, gp, hr, m, horse, mouse, r, x, z, human, mk

Antibody ID: AB_10949503

Vendor: Cell Signaling Technology

Catalog Number: 8173

Record Creation Time: 20231110T062956+0000

Record Last Update: 20241115T120004+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 3 is available under ENCODE ID: ENCAB502OHI - ENCODE https://www.encodeproject.org/antibodies/ENCAB502OHI

No alerts have been found for Acetyl-Histone H3 (Lys27) (D5E4) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 96 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Sasaki M, et al. (2025) Efficacy of CBP/p300 Dual Inhibitors against Derepression of KREMEN2 in cBAF-Deficient Cancers. Cancer research communications, 5(1), 24.

Fan S, et al. (2024) Promoter DNA methylation and transcription factor condensation are linked to transcriptional memory in mammalian cells. Cell systems, 15(9), 808.

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. Molecular cell, 84(8), 1475.

Leszczynska KB, et al. (2024) H2A.Z histone variants facilitate HDACi-dependent removal of H3.3K27M mutant protein in pediatric high-grade glioma cells. Cell reports, 43(2), 113707.

Chen Y, et al. (2024) SP6 controls human cytotrophoblast fate decisions and trophoblast stem cell establishment by targeting MSX2 regulatory elements. Developmental cell, 59(12), 1506.

Shi W, et al. (2024) Lactic acid induces transcriptional repression of macrophage inflammatory response via histone acetylation. Cell reports, 43(2), 113746.

Liu Y, et al. (2024) Squalene-epoxidase-catalyzed 24(S),25-epoxycholesterol synthesis promotes trained-immunity-mediated antitumor activity. Cell reports, 43(4), 114094.

Fu JY, et al. (2024) Lysine acetyltransferase 6A maintains CD4+ T cell response via epigenetic reprogramming of glucose metabolism in autoimmunity. Cell metabolism, 36(3), 557.

Duplaquet L, et al. (2024) Mammalian SWI/SNF complex activity regulates POU2F3 and constitutes a targetable dependency in small cell lung cancer. Cancer cell, 42(8), 1352.

Manning SA, et al. (2024) The Drosophila Hippo pathway transcription factor Scalloped and its co-factors alter each other's chromatin binding dynamics and transcription in vivo. Developmental cell, 59(13), 1640.

Ye T, et al. (2024) Identification of WNK1 as a therapeutic target to suppress IgH/MYC expression in multiple myeloma. Cell reports, 43(5), 114211.

Deja S, et al. (2024) Hepatic malonyl-CoA synthesis restrains gluconeogenesis by suppressing fat oxidation, pyruvate carboxylation, and amino acid availability. Cell metabolism.

Ye C, et al. (2024) Canonical Wnt signaling directs the generation of functional human PSC-derived atrioventricular canal cardiomyocytes in bioprinted cardiac tissues. Cell stem cell, 31(3), 398.

Wang P, et al. (2024) Hepatic Snai1 and Snai2 promote liver regeneration and suppress liver fibrosis in mice. Cell reports, 43(3), 113875.

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

Treekitkarnmongkol W, et al. (2024) Epigenetic activation of SOX11 is associated with recurrence and progression of ductal carcinoma in situ to invasive breast cancer. British journal of cancer, 131(1), 171.

Henon C, et al. (2024) Single-cell multiomics profiling reveals heterogeneous transcriptional programs and microenvironment in DSRCTs. Cell reports. Medicine, 5(6), 101582.

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.

Zhang J, et al. (2024) Osr2 functions as a biomechanical checkpoint to aggravate CD8+ T cell exhaustion in tumor. Cell, 187(13), 3409.

Zhu M, et al. (2024) Class I HDAC inhibitors enhance antitumor efficacy and persistence of CAR-T cells by activation of the Wnt pathway. Cell reports, 43(4), 114065.