Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Mono-Methyl-Histone H3 (Lys4) (D1A9) XP Rabbit mAb

RRID:AB_10695148
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 5326, RRID:AB_10695148)

Antibody Information

URL: http://antibodyregistry.org/AB_10695148

Proper Citation: (Cell Signaling Technology Cat# 5326, RRID:AB_10695148)

Target Antigen: Mono-Methyl-Histone H3 (Lys4)

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IF-IC, FC-FP, ChIP, ChIP-seq, C&R
Consolidation on 11/2018: AB_10694535, AB_10695148, AB_2616017.

Antibody Name: Mono-Methyl-Histone H3 (Lys4) (D1A9) XP Rabbit mAb

Description: This recombinant monoclonal targets Mono-Methyl-Histone H3 (Lys4)

Target Organism: monkey, rat, mouse, human

Clone ID: D1A9

Antibody ID: AB_10695148

Vendor: Cell Signaling Technology

Catalog Number: 5326

Record Creation Time: 20231110T070213+0000

Record Last Update: 20241115T134315+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 2 is available under ENCODE ID: ENCAB650MWL - ENCODE https://www.encodeproject.org/antibodies/ENCAB650MWL

No alerts have been found for Mono-Methyl-Histone H3 (Lys4) (D1A9) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Ginley-Hidinger M, et al. (2024) Cis-regulatory control of transcriptional timing and noise in response to estrogen. Cell genomics, 4(5), 100542.

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

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.

Zhang Y, et al. (2024) Macrophage MCT4 inhibition activates reparative genes and protects from atherosclerosis by histone H3 lysine 18 lactylation. Cell reports, 43(5), 114180.

Ye X, et al. (2024) Enhancer-promoter activation by the Kaposi sarcoma-associated herpesvirus episome maintenance protein LANA. Cell reports, 43(3), 113888.

Liu CC, et al. (2024) Targeting EMSY-mediated methionine metabolism is a potential therapeutic strategy for triple-negative breast cancer. Cell reports. Medicine, 5(2), 101396.

Zhang Q, et al. (2024) EZH2/G9a interact to mediate drug resistance in non-small-cell lung cancer by regulating the SMAD4/ERK/c-Myc signaling axis. Cell reports, 43(2), 113714.

Sun Z, et al. (2023) Chromatin regulation of transcriptional enhancers and cell fate by the Sotos syndrome gene NSD1. Molecular cell, 83(14), 2398.

Groza C, et al. (2023) Genome graphs detect human polymorphisms in active epigenomic state during influenza infection. Cell genomics, 3(5), 100294.

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

Hoshii T, et al. (2022) SETD1A regulates transcriptional pause release of heme biosynthesis genes in leukemia. Cell reports, 41(9), 111727.

Zhang S, et al. (2022) Genome-wide identification of the genetic basis of amyotrophic lateral sclerosis. Neuron, 110(6), 992.

Kumar A, et al. (2022) KSHV episome tethering sites on host chromosomes and regulation of latency-lytic switch by CHD4. Cell reports, 39(6), 110788.

Gu W, et al. (2022) SATB2 preserves colon stem cell identity and mediates ileum-colon conversion via enhancer remodeling. Cell stem cell, 29(1), 101.

Chen Z, et al. (2022) Disease-associated KBTBD4 mutations in medulloblastoma elicit neomorphic ubiquitylation activity to promote CoREST degradation. Cell death and differentiation, 29(10), 1955.

Richart L, et al. (2022) XIST loss impairs mammary stem cell differentiation and increases tumorigenicity through Mediator hyperactivation. Cell, 185(12), 2164.

Chen L, et al. (2022) Dynamic Chromatin States Coupling with Key Transcription Factors in Colitis-Associated Colorectal Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(23), e2200536.

Harpaz N, et al. (2022) Single-cell epigenetic analysis reveals principles of chromatin states in H3.3-K27M gliomas. Molecular cell, 82(14), 2696.

van Gils N, et al. (2022) Targeting histone methylation to reprogram the transcriptional state that drives survival of drug-tolerant myeloid leukemia persisters. iScience, 25(9), 105013.

Leonen CJA, et al. (2021) Sumoylation of the human histone H4 tail inhibits p300-mediated transcription by RNA polymerase II in cellular extracts. eLife, 10.