

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

H3K4me1-human

RRID:AB_306847

Type: Antibody

Proper Citation

Abcam Cat# ab8895, RRID:AB_306847

Antibody Information

URL: http://antibodyregistry.org/AB_306847

Proper Citation: Abcam Cat# ab8895, RRID:AB_306847

Target Antigen: H3K4me1

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation for lot# GR46387-1 is available under ENCODE ID: ENCAB000ATH

Antibody Name: H3K4me1-human

Description: This polyclonal targets H3K4me1

Target Organism: homo sapiens

Antibody ID: AB_306847

Vendor: Abcam

Catalog Number: ab8895

Record Creation Time: 20231110T035233+0000

Record Last Update: 20260830T020003+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 349232 is available under ENCODE ID: ENCAB093ZAC - ENCODE

No alerts have been found for H3K4me1-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 233 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Fang X, et al. (2026) The AGPS regulatory variant rs113671272 confers esophageal squamous cell carcinoma susceptibility through allele-specific MEIS3 binding and NF- κ B activation in Chinese populations. *EBioMedicine*, 127, 106249.

Zhang MS, et al. (2026) BCAT1-dependent HIF-1 α stabilization is a targetable metabolic vulnerability in hepatocellular carcinoma. *Cell reports. Medicine*, 7(5), 102784.

Chen H, et al. (2026) Genome-wide rotational and translational phasing of nucleosomes with human transcription factors. *Molecular cell*, 86(14), 2722.

Chen Y, et al. (2026) PFKFB4 Deubiquitination by USP10 Enhances Fumarate Metabolism to Orchestrate the KDM1A/Rad51 Axis and Confer Radioresistance in Lung Cancer. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e76439.

Koulle A, et al. (2026) The chromatin remodeller CHD4 regulates transcription factor binding to both prevent activation of silent enhancers and maintain active regulatory elements. *eLife*, 14.

Gorin A, et al. (2026) IFN γ -induced memory in human macrophages is sustained by the durability of cytokine signaling itself. *The Journal of experimental medicine*, 223(4).

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.

Sun J, et al. (2026) Molecular mechanisms of the MLL4 complex in H3K4 methylation and p53-dependent transcription activation. *Molecular cell*, 86(12), 2281.

Kwon J, et al. (2026) Integration of the naive pluripotency gene network with the response to GSK3 inhibition by Tcf7l1-driven enhancer decommissioning. *Stem cell reports*, 21(7), 102980.

Malmhäll-Bah E, et al. (2026) Role of MNX1-mediated histone modifications and PBX gene family in MNX1-induced leukemogenesis. *Scientific reports*, 16(1), 2593.

Lammert SD, et al. (2026) Increased Glycine-N-methyltransferase expression disrupts light-dependent gene expression rhythms in the *Drosophila* eye. *Journal of cell science*,

139(7).

Hamagami N, et al. (2026) State-specific enhancer landscapes govern microglial plasticity. *Immunity*.

Kandror EK, et al. (2026) Enhancer dynamics and cellular architecture in the human spinal cord. *Neuron*, 114(8), 1399.

Kim PG, et al. (2026) Metabolic control of innate immune activation in TET2-mutant clonal hematopoiesis. *Cell chemical biology*, 33(2), 183.

Boulos J, et al. (2026) Recruitment of transcriptional effectors by Cas9 creates cis-regulatory elements and demonstrates distance-dependent transcriptional regulation. *iScience*, 29(1), 114040.

Citron F, et al. (2026) DPY30 Is an Epigenetic Decoupler Linking Replication Stress to Immunoediting in Pancreatic Cancer. *Cancer research*, 86(12), 2837.

Nocente MC, et al. (2026) Poising and connectivity of emergent human developmental enhancers in the transition from naive to primed pluripotency. *Cell reports*, 45(6), 117402.

Zhang T, et al. (2026) Condensates of the chromatin regulator ANKRD11 restrict hypertranscribed genes to safeguard development. *Cell*.

Gasperini P, et al. (2025) Germline-somatic liaison dictates cancer subtype via de novo steroid biosynthesis. *Cancer discovery*.

Pulice JL, et al. (2025) Amplified dosage of the NKX2-1 lineage transcription factor controls its oncogenic role in lung adenocarcinoma. *Molecular cell*, 85(7), 1311.