

# Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

## Rabbit Anti-Histone H3, monomethyl (Lys4) ChIP Grade Polyclonal Antibody, Unconjugated

RRID:AB\_306847

Type: Antibody

### Proper Citation

Abcam Cat# ab8895, RRID:AB\_306847

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_306847](http://antibodyregistry.org/AB_306847)

**Proper Citation:** Abcam Cat# ab8895, RRID:AB\_306847

**Target Antigen:** Histone H3 (mono methyl K4) - ChIP Grade

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Blocking/Neutralize; Flow Cytometry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Other; Western Blot; Chromatin IP, Chromatin IP/Chromatin IP, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence, Immunohistochemistry-P, Western Blot

**Antibody Name:** Rabbit Anti-Histone H3, monomethyl (Lys4) ChIP Grade Polyclonal Antibody, Unconjugated

**Description:** This polyclonal targets Histone H3 (mono methyl K4) - ChIP Grade

**Target Organism:** all

**Antibody ID:** AB\_306847

**Vendor:** Abcam

**Catalog Number:** ab8895

**Record Creation Time:** 20231110T045042+0000

**Record Last Update:** 20260831T204935+0000

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## Ratings and Alerts

- ENCODE PROJECT External validation for lot: 349232 is available under ENCODE ID: ENCAB093ZAC - ENCODE  
<https://www.encodeproject.org/antibodies/ENCAB093ZAC>

No alerts have been found for Rabbit Anti-Histone H3, monomethyl (Lys4) ChIP Grade Polyclonal Antibody, Unconjugated.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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- $\kappa$ B activation in Chinese populations. EBioMedicine, 127, 106249.

Zhang MS, et al. (2026) BCAT1-dependent HIF-1 $\alpha$  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.

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.

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

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.

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*.

Gasparini 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.