

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Histone H3 (mono methyl K9) antibody - ChIP Grade

RRID:AB_306963

Type: Antibody

Proper Citation

Abcam Cat# ab9045, RRID:AB_306963

Antibody Information

URL: http://antibodyregistry.org/AB_306963

Proper Citation: Abcam Cat# ab9045, RRID:AB_306963

Target Antigen: Histone H3 (mono methyl K9) antibody - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Flow Cytometry; Immunofluorescence; Immunohistochemistry; Western Blot; ChIP; Immunohistochemistry - fixed; Immunoprecipitation; Block/Neutralize/Inhibit; Other; ChIP, Flow Cyt, IF, IHC-P, IP, WB

Antibody Name: Histone H3 (mono methyl K9) antibody - ChIP Grade

Description: This polyclonal targets Histone H3 (mono methyl K9) antibody - ChIP Grade

Target Organism: rat, xenopusamphibian, cow, yeastfungi, plant, bovine, human

Antibody ID: AB_306963

Vendor: Abcam

Catalog Number: ab9045

Record Creation Time: 20250819T233216+0000

Record Last Update: 20250820T053913+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB180QII - ENCODE <https://www.encodeproject.org/antibodies/ENCAB180QII>

No alerts have been found for Histone H3 (mono methyl K9) antibody - ChIP Grade.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

An MJ, et al. (2024) Reorganization of H3K9me heterochromatin leads to neuronal impairment via the cascading destruction of the KDM3B-centered epigenomic network. iScience, 27(8), 110380.

Montgomery SA, et al. (2022) Polycomb-mediated repression of paternal chromosomes maintains haploid dosage in diploid embryos of Marchantia. eLife, 11.

Montgomery SA, et al. (2020) Chromatin Organization in Early Land Plants Reveals an Ancestral Association between H3K27me3, Transposons, and Constitutive Heterochromatin. Current biology : CB, 30(4), 573.

Tu WB, et al. (2018) MYC Interacts with the G9a Histone Methyltransferase to Drive Transcriptional Repression and Tumorigenesis. Cancer cell, 34(4), 579.

Kieffer-Kwon KR, et al. (2017) Myc Regulates Chromatin Decompaction and Nuclear Architecture during B Cell Activation. Molecular cell, 67(4), 566.