

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

Anti-L-Lactyl-Histone H3 (Lys9) Rabbit mAb

RRID:AB_3076695

Type: Antibody

Proper Citation

PTM BIO Cat# PTM-1419RM, RRID:AB_3076695

Antibody Information

URL: http://antibodyregistry.org/AB_3076695

Proper Citation: PTM BIO Cat# PTM-1419RM, RRID:AB_3076695

Target Antigen: L-Lactyl-Histone H3 (Lys9)

Host Organism: Rabbit

Clonality: recombinant monoclonal

Antibody Name: Anti-L-Lactyl-Histone H3 (Lys9) Rabbit mAb

Description: This recombinant monoclonal targets L-Lactyl-Histone H3 (Lys9)

Target Organism: rat, mouse, human

Antibody ID: AB_3076695

Vendor: PTM BIO

Catalog Number: PTM-1419RM

Record Creation Time: 20240103T132528+0000

Record Last Update: 20260828T234606+0000

Ratings and Alerts

No rating or validation information has been found for Anti-L-Lactyl-Histone H3 (Lys9) Rabbit mAb.

No alerts have been found for Anti-L-Lactyl-Histone H3 (Lys9) Rabbit mAb.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Du Y, et al. (2026) Oral GLP-1 receptor agonist promotes astrocyte-neuron lactate and lipid transfer with neuroprotective effects. *Cell metabolism*, 38(8), 1633.

Ying X, et al. (2026) m5C-Modified tRF3b-CysGCA-23 Suppresses Bladder Cancer Malignancy by Repressing H3K18 Lactylation via Stabilizing RBM4. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(26), e22294.

Ma H, et al. (2026) AF9-KLF2 gene regulatory circuit links histone lactylation to metabolic reprogramming and breast cancer progression. *Cell reports*, 45(6), 117429.

Xie X, et al. (2026) Bisphenol A Promotes Ovarian Cancer Proliferation and Migration through the HK2/H3K18la/IGF2BP3 Sequential Regulatory Axis. *Journal of agricultural and food chemistry*, 74(13), 11132.

Zhang H, et al. (2026) Lactate-driven H3K18 lactylation promotes cisplatin resistance in bladder cancer via HNRNPF-Parkin mediated mitophagy. *Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy*, 88, 101435.

Ge X, et al. (2025) Metabolic reprogramming through histone lactylation in microglia and macrophages recruits CD8+ T lymphocytes and aggravates spinal cord injury. *Neuron*, 113(14), 2280.

Li Z, et al. (2025) Lactate shuttling links histone lactylation to adult hippocampal neurogenesis in mice. *Developmental cell*, 60(8), 1182.

Li J, et al. (2025) A CD147-targeted small-molecule inhibitor potentiates gemcitabine efficacy by triggering ferroptosis in pancreatic ductal adenocarcinoma. *Cell reports. Medicine*, 6(8), 102292.

Wang C, et al. (2024) Andrographolide regulates H3 histone lactylation by interfering with p300 to alleviate aortic valve calcification. *British journal of pharmacology*, 181(12), 1843.

Zhu R, et al. (2024) ACSS2 acts as a lactyl-CoA synthetase and couples KAT2A to function as a lactyltransferase for histone lactylation and tumor immune evasion. *Cell metabolism*.

Zang Y, et al. (2024) Hypoxia promotes histone H3K9 lactylation to enhance LAMC2 transcription in esophageal squamous cell carcinoma. *iScience*, 27(7), 110188.

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.