

# Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

## Anti-L-Lactyl-Histone H3 (Lys14) Rabbit mAb

RRID:AB\_3076697

Type: Antibody

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### Proper Citation

PTM BIO Cat# PTM-1414RM, RRID:AB\_3076697

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_3076697](http://antibodyregistry.org/AB_3076697)

**Proper Citation:** PTM BIO Cat# PTM-1414RM, RRID:AB\_3076697

**Target Antigen:** Lactyl-Histone H3 (Lys14)

**Host Organism:** rabbit

**Clonality:** recombinant monoclonal

**Antibody Name:** Anti-L-Lactyl-Histone H3 (Lys14) Rabbit mAb

**Description:** This recombinant monoclonal targets Lactyl-Histone H3 (Lys14)

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_3076697

**Vendor:** PTM BIO

**Catalog Number:** PTM-1414RM

**Record Creation Time:** 20240103T132528+0000

**Record Last Update:** 20260829T155515+0000

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### Ratings and Alerts

No rating or validation information has been found for Anti-L-Lactyl-Histone H3 (Lys14) Rabbit mAb.

No alerts have been found for Anti-L-Lactyl-Histone H3 (Lys14) Rabbit mAb.

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### Data and Source Information

## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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.

Wang X, et al. (2026) Histone lactylation-driven intratumoral IGFBP2+ NK cells promote tumor immune evasion. Cell reports, 45(7), 117612.

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

Yang Q, et al. (2025) Lactate regulates cell differentiation of erythroid progenitor cells via histone lactylation modification. iScience, 28(7), 112842.

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.

Du R, et al. (2024) Sirtuin 1/sirtuin 3 are robust lysine delactylases and sirtuin 1-mediated delactylation regulates glycolysis. iScience, 27(10), 110911.

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.

Lin X, et al. (2024) Augmentation of scleral glycolysis promotes myopia through histone lactylation. Cell metabolism, 36(3), 511.

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.