

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

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

RRID:AB_3076697

Type: Antibody

Proper Citation

PTM BIO Cat# PTM-1414RM, RRID:AB_3076697

Antibody Information

URL: 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: 20250819T231940+0000

Record Last Update: 20250820T050003+0000

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.

Data and Source Information

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.

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

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

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

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.

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*.