

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

LDHA (C4B5) Rabbit mAb

RRID:AB_2066887

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3582, RRID:AB_2066887

Antibody Information

URL: http://antibodyregistry.org/AB_2066887

Proper Citation: Cell Signaling Technology Cat# 3582, RRID:AB_2066887

Target Antigen: LDHA (C4B5) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC

Antibody Name: LDHA (C4B5) Rabbit mAb

Description: This monoclonal targets LDHA (C4B5) Rabbit mAb

Target Organism: h, human, mk

Antibody ID: AB_2066887

Vendor: Cell Signaling Technology

Catalog Number: 3582

Record Creation Time: 20250820T042934+0000

Record Last Update: 20250820T190701+0000

Ratings and Alerts

No rating or validation information has been found for LDHA (C4B5) Rabbit mAb.

No alerts have been found for LDHA (C4B5) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

MacMillan AC, et al. (2025) PRPS activity tunes redox homeostasis in Myc-driven lymphoma. *Redox biology*, 84, 103649.

Dreute J, et al. (2025) Synergistic targeting of cancer cells through simultaneous inhibition of key metabolic enzymes. *Cell death and differentiation*.

Liu M, et al. (2025) CDK1-mediated phosphorylation of LDHA fuels mitosis through LDHB-dependent lactate oxidation. *EMBO reports*.

Yang Z, et al. (2025) Hypoxia inducible factor-1 α drives cancer resistance to cuproptosis. *Cancer cell*, 43(5), 937.

Koundouros N, et al. (2025) Direct sensing of dietary ω -6 linoleic acid through FABP5-mTORC1 signaling. *Science (New York, N.Y.)*, 387(6739), eadm9805.

Zhou S, et al. (2025) Indole-3-lactic acid suppresses colorectal cancer via metabolic reprogramming. *Gut microbes*, 17(1), 2508949.

Masin L, et al. (2024) Local glycolysis supports injury-induced axonal regeneration. *The Journal of cell biology*, 223(12).

Chen L, et al. (2024) Palmitoylation alters LDHA activity and pancreatic cancer response to chemotherapy. *Cancer letters*, 587, 216696.

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*.

Ravi D, et al. (2024) Deciphering the Metabolic Basis and Molecular Circuitry of the Warburg Paradox in Lymphoma. *Cancers*, 16(21).

Li XM, et al. (2024) Histone lactylation inhibits RAR α expression in macrophages to promote colorectal tumorigenesis through activation of TRAF6-IL-6-STAT3 signaling. *Cell reports*, 43(2), 113688.

Yu X, et al. (2024) Acetyl-CoA metabolism maintains histone acetylation for syncytialization of human placental trophoblast stem cells. *Cell stem cell*, 31(9), 1280.

Guo F, et al. (2024) Sevoflurane acts as an antidepressant by suppression of GluN2D-containing NMDA receptors on interneurons. *British journal of pharmacology*, 181(18), 3483.

Liu B, et al. (2024) Distinctive multicellular immunosuppressive hubs confer different intervention strategies for left- and right-sided colon cancers. *Cell reports. Medicine*, 5(6), 101589.

Farook MR, et al. (2024) Loss of mitochondrial pyruvate carrier 1 supports proline-dependent proliferation and collagen biosynthesis in ovarian cancer. *Molecular metabolism*, 81, 101900.

Zukowski E, et al. (2023) STAT3 modulates CD4+ T mitochondrial dynamics and function in aging. *Aging cell*, 22(11), e13996.

Li X, et al. (2023) Ultrasensitive sensors reveal the spatiotemporal landscape of lactate metabolism in physiology and disease. *Cell metabolism*, 35(1), 200.

Ghosh D, et al. (2023) Ets1 facilitates EMT/invasion through Drp1-mediated mitochondrial fragmentation in ovarian cancer. *iScience*, 26(9), 107537.

He Y, et al. (2023) Numb/Parkin-directed mitochondrial fitness governs cancer cell fate via metabolic regulation of histone lactylation. *Cell reports*, 42(2), 112033.

Chaves A, et al. (2022) Influence of Maternal Exercise on Glucose and Lipid Metabolism in Offspring Stem Cells: ENHANCED by Mom. *The Journal of clinical endocrinology and metabolism*, 107(8), e3353.