

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Phospho-PKM2 (Tyr105) Antibody

RRID:AB_1950369

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3827, RRID:AB_1950369

Antibody Information

URL: http://antibodyregistry.org/AB_1950369

Proper Citation: Cell Signaling Technology Cat# 3827, RRID:AB_1950369

Target Antigen: Phospho-PKM2 (Tyr105)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10497373, AB_1950369, AB_1950372.

Antibody Name: Phospho-PKM2 (Tyr105) Antibody

Description: This polyclonal targets Phospho-PKM2 (Tyr105)

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_1950369

Vendor: Cell Signaling Technology

Catalog Number: 3827

Record Creation Time: 20250820T045409+0000

Record Last Update: 20250820T201445+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PKM2 (Tyr105) Antibody.

No alerts have been found for Phospho-PKM2 (Tyr105) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Liu J, et al. (2026) Extracellular GPX4 impairs antitumor immunity via dendritic ZP3 receptors. Cell.

Chen Y, et al. (2024) Photoacoustic Tomography with Temporal Encoding Reconstruction (PATTERN) for cross-modal individual analysis of the whole brain. Nature communications, 15(1), 4228.

Yang CL, et al. (2024) PDIA3 orchestrates effector T cell program by serving as a chaperone to facilitate the non-canonical nuclear import of STAT1 and PKM2. Molecular therapy : the journal of the American Society of Gene Therapy, 32(8), 2778.

Kim W, et al. (2023) Characterization of an in vitro steatosis model simulating activated de novo lipogenesis in MAFLD patients. iScience, 26(10), 107727.

Li G, et al. (2023) Intersection of immune and oncometabolic pathways drives cancer hyperprogression during immunotherapy. Cancer cell, 41(2), 304.

Chen C, et al. (2022) Vitamin B5 rewires Th17 cell metabolism via impeding PKM2 nuclear translocation. Cell reports, 41(9), 111741.

Xu F, et al. (2021) Lysophosphatidic acid shifts metabolic and transcriptional landscapes to induce a distinct cellular state in human pluripotent stem cells. Cell reports, 37(9), 110063.

Thyrsted J, et al. (2021) Influenza A induces lactate formation to inhibit type I IFN in primary human airway epithelium. iScience, 24(11), 103300.

Angiari S, et al. (2020) Pharmacological Activation of Pyruvate Kinase M2 Inhibits CD4+ T Cell Pathogenicity and Suppresses Autoimmunity. Cell metabolism, 31(2), 391.

Zheng D, et al. (2020) Pyruvate Kinase M2 Tetramerization Protects against Hepatic Stellate Cell Activation and Liver Fibrosis. The American journal of pathology, 190(11), 2267.

Das Gupta K, et al. (2020) Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. Cell reports, 30(8), 2712.

Bellier J, et al. (2020) Methylglyoxal Scavengers Resensitize KRAS-Mutated Colorectal Tumors to Cetuximab. Cell reports, 30(5), 1400.

Jin X, et al. (2020) Pyruvate Kinase M2 Promotes the Activation of Dendritic Cells by Enhancing IL-12p35 Expression. *Cell reports*, 31(8), 107690.

Aguilar E, et al. (2019) UCP2 Deficiency Increases Colon Tumorigenesis by Promoting Lipid Synthesis and Depleting NADPH for Antioxidant Defenses. *Cell reports*, 28(9), 2306.