

Resource Summary Report

Generated by PRECISE-TBI on Aug 11, 2026

PRMT4/CARM1 (3H2) Mouse mAb

RRID:AB_2797935

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 12495, RRID:AB_2797935

Antibody Information

URL: http://antibodyregistry.org/AB_2797935

Proper Citation: Cell Signaling Technology Cat# 12495, RRID:AB_2797935

Target Antigen: CARM1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, ChIP

Antibody Name: PRMT4/CARM1 (3H2) Mouse mAb

Description: This monoclonal targets CARM1

Target Organism: h, m, r, mk

Clone ID: Clone 3H2

Antibody ID: AB_2797935

Vendor: Cell Signaling Technology

Catalog Number: 12495

Record Creation Time: 20250819T221013+0000

Record Last Update: 20250820T011955+0000

Ratings and Alerts

No rating or validation information has been found for PRMT4/CARM1 (3H2) Mouse mAb.

No alerts have been found for PRMT4/CARM1 (3H2) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Shiraishi R, et al. (2024) Cancer-specific epigenome identifies oncogenic hijacking by nuclear factor I family proteins for medulloblastoma progression. *Developmental cell*, 59(17), 2302.

Li X, et al. (2023) Spermine is a natural suppressor of AR signaling in castration-resistant prostate cancer. *Cell reports*, 42(7), 112798.

Yin S, et al. (2023) CDK5-PRMT1-WDR24 signaling cascade promotes mTORC1 signaling and tumor growth. *Cell reports*, 42(4), 112316.

Lombardi S, et al. (2023) Targeting Fatty Acid Reprogramming Suppresses CARM1-expressing Ovarian Cancer. *Cancer research communications*, 3(6), 1067.

He Y, et al. (2023) BACH1 regulates the differentiation of vascular smooth muscle cells from human embryonic stem cells via CARM1-mediated methylation of H3R17. *Cell reports*, 42(12), 113468.

Jamet S, et al. (2022) The arginine methyltransferase Carm1 is necessary for heart development. *G3 (Bethesda, Md.)*, 12(8).

Genois MM, et al. (2021) CARM1 regulates replication fork speed and stress response by stimulating PARP1. *Molecular cell*, 81(4), 784.

Lo LH, et al. (2020) The Protein Arginine Methyltransferase PRMT8 and Substrate G3BP1 Control Rac1-PAK1 Signaling and Actin Cytoskeleton for Dendritic Spine Maturation. *Cell reports*, 31(10), 107744.

Karakashev S, et al. (2020) EZH2 Inhibition Sensitizes CARM1-High, Homologous Recombination Proficient Ovarian Cancers to PARP Inhibition. *Cancer cell*, 37(2), 157.