

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 27, 2024

Asymmetric Di-Methyl Arginine Motif [adme-R] MultiMab™ Rabbit mAb mix #13522

RRID:AB_2665370

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 13522, RRID:AB_2665370)

Antibody Information

URL: http://antibodyregistry.org/AB_2665370

Proper Citation: (Cell Signaling Technology Cat# 13522, RRID:AB_2665370)

Target Antigen: Di-Methyl Arginine

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

Antibody Name: Asymmetric Di-Methyl Arginine Motif [adme-R] MultiMab™ Rabbit mAb mix #13522

Description: This monoclonal targets Di-Methyl Arginine

Antibody ID: AB_2665370

Vendor: Cell Signaling Technology

Catalog Number: 13522

Ratings and Alerts

No rating or validation information has been found for Asymmetric Di-Methyl Arginine Motif [adme-R] MultiMab™ Rabbit mAb mix #13522.

No alerts have been found for Asymmetric Di-Methyl Arginine Motif [adme-R] MultiMab™

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wu PY, et al. (2024) Cooperation between PRMT1 and PRMT6 drives lung cancer health disparities among Black/African American men. *iScience*, 27(2), 108858.

Jiang C, et al. (2023) PRMT1 orchestrates with SAMTOR to govern mTORC1 methionine sensing via Arg-methylation of NPRL2. *Cell metabolism*, 35(12), 2183.

Zhong Y, et al. (2023) PRMT4 Facilitates White Adipose Tissue Browning and Thermogenesis by Methylating PPAR?. *Diabetes*, 72(8), 1095.

Gjuka D, et al. (2023) Enzyme-mediated depletion of methylthioadenosine restores T cell function in MTAP-deficient tumors and reverses immunotherapy resistance. *Cancer cell*, 41(10), 1774.

Li Y, et al. (2023) PRMT blockade induces defective DNA replication stress response and synergizes with PARP inhibition. *Cell reports. Medicine*, 4(12), 101326.

Maron MI, et al. (2022) Type I and II PRMTs inversely regulate post-transcriptional intron detention through Sm and CHTOP methylation. *eLife*, 11.

Tang S, et al. (2022) A genome-scale CRISPR screen reveals PRMT1 as a critical regulator of androgen receptor signaling in prostate cancer. *Cell reports*, 38(8), 110417.

Ishino Y, et al. (2022) Coactivator-associated arginine methyltransferase 1 controls oligodendrocyte differentiation in the corpus callosum during early brain development. *Developmental neurobiology*, 82(3), 245.

Maron MI, et al. (2021) Independent transcriptomic and proteomic regulation by type I and II protein arginine methyltransferases. *iScience*, 24(9), 102971.

Lu SX, et al. (2021) Pharmacologic modulation of RNA splicing enhances anti-tumor immunity. *Cell*, 184(15), 4032.

Masibag AN, et al. (2021) Pharmacological targeting of Sam68 functions in colorectal cancer stem cells. *iScience*, 24(12), 103442.

Yan Z, et al. (2021) The protein arginine methyltransferase PRMT1 promotes TBK1

activation through asymmetric arginine methylation. Cell reports, 36(12), 109731.

Choi JH, et al. (2021) Melatonin Inhibits Osteoclastogenesis and Bone Loss in Ovariectomized Mice by Regulating PRMT1-Mediated Signaling. Endocrinology, 162(6).

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.

Jackson-Weaver O, et al. (2020) PRMT1-p53 Pathway Controls Epicardial EMT and Invasion. Cell reports, 31(10), 107739.

Metz PJ, et al. (2020) Symmetric Arginine Dimethylation Is Selectively Required for mRNA Splicing and the Initiation of Type I and Type III Interferon Signaling. Cell reports, 30(6), 1935.

Qiao X, et al. (2019) Protein Arginine Methyltransferase 1 Interacts With PGC1 β and Modulates Thermogenic Fat Activation. Endocrinology, 160(12), 2773.

Fong JY, et al. (2019) Therapeutic Targeting of RNA Splicing Catalysis through Inhibition of Protein Arginine Methylation. Cancer cell, 36(2), 194.

vanLieshout TL, et al. (2019) Protein arginine methyltransferase biology in humans during acute and chronic skeletal muscle plasticity. Journal of applied physiology (Bethesda, Md. : 1985), 127(3), 867.

Fedoriw A, et al. (2019) Anti-tumor Activity of the Type I PRMT Inhibitor, GSK3368715, Synergizes with PRMT5 Inhibition through MTAP Loss. Cancer cell, 36(1), 100.