

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Recombinant Anti-Dnmt1 antibody [EPR18453]

RRID:AB_2877711

Type: Antibody

Proper Citation

Abcam Cat# ab188453, RRID:AB_2877711

Antibody Information

URL: http://antibodyregistry.org/AB_2877711

Proper Citation: Abcam Cat# ab188453, RRID:AB_2877711

Target Antigen: DNMT1

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: Flow Cytometry, IHC-P, ICC/IF, WB

Antibody Name: Recombinant Anti-Dnmt1 antibody [EPR18453]

Description: This recombinant monoclonal targets DNMT1

Target Organism: Human, Rat, Mouse

Clone ID: EPR18453

Antibody ID: AB_2877711

Vendor: Abcam

Catalog Number: ab188453

Record Creation Time: 20250819T222351+0000

Record Last Update: 20250820T020324+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-Dnmt1 antibody [EPR18453].

No alerts have been found for Recombinant Anti-Dnmt1 antibody [EPR18453].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Jiang J, et al. (2026) DNMT1 and DNMT3A drive hepatocellular carcinoma progression via epigenetic regulation and are inhibited by 5-azacytidine. *Biochemical pharmacology*, 246, 117670.

Liu Y, et al. (2025) DNA hypomethylation promotes UHRF1-and SUV39H1/H2-dependent crosstalk between H3K18ub and H3K9me3 to reinforce heterochromatin states. *Molecular cell*, 85(2), 394.

Wang J, et al. (2025) DNA methyltransferase 1 modulates mitochondrial function through bridging m5C RNA methylation. *Molecular cell*, 85(10), 1999.

Liang J, et al. (2024) Transcription factor ZNF263 enhances EGFR-targeted therapeutic response and reduces residual disease in lung adenocarcinoma. *Cell reports*, 43(2), 113771.

Sun Z, et al. (2023) $\alpha 1$ integrin signaling governs necroptosis via the chromatin-remodeling factor CHD4. *Cell reports*, 42(11), 113322.

Shi G, et al. (2023) DNA hypomethylation promotes learning and memory recovery in a rat model of cerebral ischemia/reperfusion injury. *Neural regeneration research*, 18(4), 863.

Singh P, et al. (2021) GCM2 Silencing in Parathyroid Adenoma Is Associated With Promoter Hypermethylation and Gain of Methylation on Histone 3. *The Journal of clinical endocrinology and metabolism*, 106(10), e4084.