

Resource Summary Report

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Methylcytidine-human

RRID:AB_2616058

Type: Antibody

Proper Citation

(Eurogentec Cat# BI-MECY-0100, RRID:AB_2616058)

Antibody Information

URL: http://antibodyregistry.org/AB_2616058

Proper Citation: (Eurogentec Cat# BI-MECY-0100, RRID:AB_2616058)

Target Antigen: Methylcytidine

Host Organism: mouse

Clonality: monoclonal

Comments: ENCODE PROJECT External validation for lot# 80808 is available under ENCODE ID: ENCAB000ASK

Antibody Name: Methylcytidine-human

Description: This monoclonal targets Methylcytidine

Target Organism: Homo sapiens

Antibody ID: AB_2616058

Vendor: Eurogentec

Catalog Number: BI-MECY-0100

Alternative Catalog Numbers: ENCAB342LYY

Record Creation Time: 20231110T034925+0000

Record Last Update: 20240725T043125+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 80808 is available under ENCODE ID: ENCAB000ASK - ENCODE <https://www.encodeproject.org/antibodies/ENCAB000ASK>

No alerts have been found for Methylcytidine-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Senner CE, et al. (2023) One-carbon metabolism is required for epigenetic stability in the mouse placenta. *Frontiers in cell and developmental biology*, 11, 1209928.

Hsia CR, et al. (2022) Confined migration induces heterochromatin formation and alters chromatin accessibility. *iScience*, 25(9), 104978.

Vander Linden C, et al. (2021) Therapy-induced DNA methylation inactivates MCT1 and renders tumor cells vulnerable to MCT4 inhibition. *Cell reports*, 35(9), 109202.

Pearson JD, et al. (2021) Binary pan-cancer classes with distinct vulnerabilities defined by pro- or anti-cancer YAP/TEAD activity. *Cancer cell*, 39(8), 1115.

Yan J, et al. (2018) Diabetes impairs wound healing by Dnmt1-dependent dysregulation of hematopoietic stem cells differentiation towards macrophages. *Nature communications*, 9(1), 33.

Abernathy DG, et al. (2017) MicroRNAs Induce a Permissive Chromatin Environment that Enables Neuronal Subtype-Specific Reprogramming of Adult Human Fibroblasts. *Cell stem cell*, 21(3), 332.

Ladstätter S, et al. (2016) A Surveillance Mechanism Ensures Repair of DNA Lesions during Zygotic Reprogramming. *Cell*, 167(7), 1774.

Hainer SJ, et al. (2016) DNA methylation directs genomic localization of Mbd2 and Mbd3 in embryonic stem cells. *eLife*, 5.