

Resource Summary Report

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BM28

RRID:AB_2141952

Type: Antibody

Proper Citation

(BD Biosciences Cat# 610700, RRID:AB_2141952)

Antibody Information

URL: http://antibodyregistry.org/AB_2141952

Proper Citation: (BD Biosciences Cat# 610700, RRID:AB_2141952)

Target Antigen: MCM2

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Western blot

Antibody Name: BM28

Description: This monoclonal targets MCM2

Target Organism: chicken, rat, mouse, human

Clone ID: 46

Antibody ID: AB_2141952

Vendor: BD Biosciences

Catalog Number: 610700

Record Creation Time: 20241017T001759+0000

Record Last Update: 20241017T015911+0000

Ratings and Alerts

No rating or validation information has been found for BM28.

No alerts have been found for BM28.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Perucca P, et al. (2024) Epithelial-to-mesenchymal transition and NF- κ B pathways are promoted by a mutant form of DDB2, unable to bind PCNA, in UV-damaged human cells. BMC cancer, 24(1), 616.

Pastor-Alonso O, et al. (2024) Generation of adult hippocampal neural stem cells occurs in the early postnatal dentate gyrus and depends on cyclin D2. The EMBO journal, 43(3), 317.

Oram MK, et al. (2024) RNF4 prevents genomic instability caused by chronic DNA under-replication. DNA repair, 135, 103646.

Dai W, et al. (2024) Nucleoporin Seh1 controls murine neocortical development via transcriptional repression of p21 in neural stem cells. Developmental cell, 59(4), 482.

Schmit MM, et al. (2024) A critical threshold of MCM10 is required to maintain genome stability during differentiation of induced pluripotent stem cells into natural killer cells. Open biology, 14(1), 230407.

Cvetkovic MA, et al. (2023) The structural mechanism of dimeric DONSON in replicative helicase activation. Molecular cell, 83(22), 4017.

Wang CL, et al. (2023) The mitochondrial unfolded protein response regulates hippocampal neural stem cell aging. Cell metabolism, 35(6), 996.

Schneider J, et al. (2022) Astrogenesis in the murine dentate gyrus is a life-long and dynamic process. The EMBO journal, 41(11), e110409.

Guo N, et al. (2022) Transcriptional regulation of neural stem cell expansion in the adult hippocampus. eLife, 11.

Karpf J, et al. (2022) Dentate gyrus astrocytes exhibit layer-specific molecular, morphological and physiological features. Nature neuroscience, 25(12), 1626.

Schuhwerk H, et al. (2022) The EMT transcription factor ZEB1 governs a fitness-promoting

but vulnerable DNA replication stress response. *Cell reports*, 41(11), 111819.

Chi S, et al. (2022) Astrocytic Piezo1-mediated mechanotransduction determines adult neurogenesis and cognitive functions. *Neuron*, 110(18), 2984.

Li L, et al. (2022) SoxD genes are required for adult neural stem cell activation. *Cell reports*, 38(5), 110313.

Chou HC, et al. (2021) The human origin recognition complex is essential for pre-RC assembly, mitosis, and maintenance of nuclear structure. *eLife*, 10.

Zheng J, et al. (2020) Interneuron Accumulation of Phosphorylated tau Impairs Adult Hippocampal Neurogenesis by Suppressing GABAergic Transmission. *Cell stem cell*, 26(3), 331.

Braun K, et al. (2020) Enriched environment ameliorates adult hippocampal neurogenesis deficits in Tcf4 haploinsufficient mice. *BMC neuroscience*, 21(1), 50.

Bakail M, et al. (2019) Design on a Rational Basis of High-Affinity Peptides Inhibiting the Histone Chaperone ASF1. *Cell chemical biology*, 26(11), 1573.

Yamada J, et al. (2019) Potential link between antidepressant-like effects of ketamine and promotion of adult neurogenesis in the ventral hippocampus of mice. *Neuropharmacology*, 158, 107710.

Wang J, et al. (2019) Brain Endothelial Cells Maintain Lactate Homeostasis and Control Adult Hippocampal Neurogenesis. *Cell stem cell*, 25(6), 754.

Matson JP, et al. (2017) Rapid DNA replication origin licensing protects stem cell pluripotency. *eLife*, 6.