

# Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

## MCM2 Antibody

RRID:AB\_2142134

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 4007, RRID:AB\_2142134

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2142134](http://antibodyregistry.org/AB_2142134)

**Proper Citation:** Cell Signaling Technology Cat# 4007, RRID:AB\_2142134

**Target Antigen:** MCM2

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W, IP, IHC-P, IF-IC

**Antibody Name:** MCM2 Antibody

**Description:** This polyclonal targets MCM2

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_2142134

**Vendor:** Cell Signaling Technology

**Catalog Number:** 4007

**Record Creation Time:** 20250820T000803+0000

**Record Last Update:** 20250820T072733+0000

### Ratings and Alerts

No rating or validation information has been found for MCM2 Antibody.

No alerts have been found for MCM2 Antibody.

## Data and Source Information

**Source:** [Antibody Registry](#)

## Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Rieskamp JD, et al. (2023) Excitatory amino acid transporter 1 supports adult hippocampal neural stem cell self-renewal. *iScience*, 26(7), 107068.

Huang M, et al. (2023) FACS-based genome-wide CRISPR screens define key regulators of DNA damage signaling pathways. *Molecular cell*, 83(15), 2810.

Leung W, et al. (2023) FANCD2-dependent mitotic DNA synthesis relies on PCNA K164 ubiquitination. *Cell reports*, 42(12), 113523.

Mo L, et al. (2022) MCM7 supports the stemness of bladder cancer stem-like cells by enhancing autophagic flux. *iScience*, 25(9), 105029.

Chava S, et al. (2022) Co-targeting of specific epigenetic regulators in combination with CDC7 potentially inhibit melanoma growth. *iScience*, 25(8), 104752.

Harris L, et al. (2021) Coordinated changes in cellular behavior ensure the lifelong maintenance of the hippocampal stem cell population. *Cell stem cell*, 28(5), 863.

Weglage J, et al. (2020) *Schistosoma mansoni* eggs induce Wnt/ $\beta$ -catenin signaling and activate the protooncogene c-Jun in human and hamster colon. *Scientific reports*, 10(1), 22373.

Gao Y, et al. (2020) RGS6 Mediates Effects of Voluntary Running on Adult Hippocampal Neurogenesis. *Cell reports*, 32(5), 107997.

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

Engel M, et al. (2019) Novel dual-action prodrug triggers apoptosis in glioblastoma cells by releasing a glutathione quencher and lysine-specific histone demethylase 1A inhibitor. *Journal of neurochemistry*, 149(4), 535.

Schäffner I, et al. (2018) FoxO Function Is Essential for Maintenance of Autophagic Flux and Neuronal Morphogenesis in Adult Neurogenesis. *Neuron*, 99(6), 1188.