

Resource Summary Report

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Monoclonal Anti-BrdU antibody produced in mouse

RRID:AB_476793

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# B2531, RRID:AB_476793

Antibody Information

URL: http://antibodyregistry.org/AB_476793

Proper Citation: Sigma-Aldrich Cat# B2531, RRID:AB_476793

Target Antigen: BrdU antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 Immunohistochemistry; immunohistochemistry (formalin-fixed, paraffin-embedded sections): 1:1000 using sections of intestine from mouse or rat treated in vivo with BrdU

Antibody Name: Monoclonal Anti-BrdU antibody produced in mouse

Description: This monoclonal targets BrdU antibody produced in mouse

Target Organism: amoeba/protozoa, guinea pig, donkey, c. elegans/worm, reptile, chicken/bird, mouse, non-human primate, bacteria/archaea, drosophila/arthropod, rabbit, xenopus/amphibian, other invertebrate, human, sheep, feline, rat, hamster, porcine, canine, goat, horse, mollusc, plant, other mammalian, bovine, wide range

Defining Citation: [PMID:19266562](#), [PMID:18831528](#), [PMID:17226772](#)

Antibody ID: AB_476793

Vendor: Sigma-Aldrich

Catalog Number: B2531

Record Creation Time: 20250820T062737+0000

Record Last Update: 20250821T001048+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-BrdU antibody produced in mouse.

No alerts have been found for Monoclonal Anti-BrdU antibody produced in mouse.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Kim D, et al. (2025) TRIM24 directs replicative stress responses to maintain ALT telomeres via chromatin signaling. *Molecular cell*, 85(14), 2636.

Nakazawa N, et al. (2025) PIEZO1-dependent mode switch of neuronal migration in heterogeneous microenvironments in the developing brain. *Cell reports*, 44(3), 115405.

Ning G, et al. (2025) BCAS2 promotes primitive hematopoiesis by sequestering β -catenin within the nucleus. *eLife*, 13.

Li Z, et al. (2024) Nucleolar protein PEXF controls ribosomal RNA synthesis and pluripotency exit. *Developmental cell*.

Ren S, et al. (2024) PAPAS promotes differentiation of mammary epithelial cells and suppresses breast carcinogenesis. *Cell reports*, 43(1), 113644.

Wu S, et al. (2023) Endoplasmic reticulum associated degradation is essential for maintaining the viability or function of mature myelinating cells in adults. *Glia*, 71(5), 1360.

Xu J, et al. (2023) KMT2D Deficiency Promotes Myeloid Leukemias which Is Vulnerable to Ribosome Biogenesis Inhibition. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e2206098.

Justet C, et al. (2023) Roles of early events in the modifications undergone by bovine corneal endothelial cells during wound healing. *Molecular and cellular biochemistry*, 478(1), 89.

Kang X, et al. (2023) Neuropeptide Y Promotes mTORC1 to Regulate Chondrocyte Proliferation and Hypertrophy. *Endocrinology*, 164(3).

Zhu F, et al. (2023) The orphan receptor Nur77 binds cytoplasmic LPS to activate the non-canonical NLRP3 inflammasome. *Immunity*, 56(4), 753.

Fitieh A, et al. (2022) BMI-1 regulates DNA end resection and homologous recombination repair. *Cell reports*, 38(12), 110536.

Li S, et al. (2022) Secreted phosphoprotein 1 slows neurodegeneration and rescues visual function in mouse models of aging and glaucoma. *Cell reports*, 41(13), 111880.

Yu S, et al. (2022) Central dopaminergic control of cell proliferation in the colonic epithelium. *Neuroscience research*, 180, 72.

Yang QQ, et al. (2021) Nuclear isoform of FGF13 regulates post-natal neurogenesis in the hippocampus through an epigenomic mechanism. *Cell reports*, 35(7), 109127.

Paramos-de-Carvalho D, et al. (2021) Targeting senescent cells improves functional recovery after spinal cord injury. *Cell reports*, 36(1), 109334.

Wang YL, et al. (2021) Evading immune surveillance via tyrosine phosphorylation of nuclear PCNA. *Cell reports*, 36(8), 109537.

Zhu C, et al. (2021) Cancer-associated exportin-6 upregulation inhibits the transcriptionally repressive and anticancer effects of nuclear profilin-1. *Cell reports*, 34(7), 108749.

Bertuzzi M, et al. (2020) A human minisatellite hosts an alternative transcription start site for NPRL3 driving its expression in a repeat number-dependent manner. *Human mutation*, 41(4), 807.

Wu S, et al. (2020) The Integrated UPR and ERAD in Oligodendrocytes Maintain Myelin Thickness in Adults by Regulating Myelin Protein Translation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(43), 8214.

Cary GA, et al. (2019) Analysis of sea star larval regeneration reveals conserved processes of whole-body regeneration across the metazoa. *BMC biology*, 17(1), 16.