

Resource Summary Report

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Mouse Anti-BrdU Monoclonal Antibody, Unconjugated, Clone BU-33

RRID:AB_476811

Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# B8434, RRID:AB_476811)

Antibody Information

URL: http://antibodyregistry.org/AB_476811

Proper Citation: (Sigma-Aldrich Cat# B8434, RRID:AB_476811)

Target Antigen: BrdU

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Immunocytochemistry; Immunohistochemistry; Immunocytochemistry, Immunohistochemistry (Paraffin sections)

Antibody Name: Mouse Anti-BrdU Monoclonal Antibody, Unconjugated, Clone BU-33

Description: This monoclonal targets BrdU

Target Organism: guinea pig, other, feline, rat, hamster, simian, xenopus, donkey, porcine, canine, goat, chicken/avian, yeast, horse, mouse, drosophila, rabbit, bovine, human, sheep, wide range

Clone ID: Clone BU-33

Antibody ID: AB_476811

Vendor: Sigma-Aldrich

Catalog Number: B8434

Record Creation Time: 20231110T044412+0000

Record Last Update: 20241115T133145+0000

Ratings and Alerts

- Validation information is available. - Collaborating for the Advancement of Interdisciplinary Research in Benign Urology (CAIRIBU) <https://cairibu.urology.wisc.edu/>

No alerts have been found for Mouse Anti-BrdU Monoclonal Antibody, Unconjugated, Clone BU-33.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Aizawa H, et al. (2024) Potassium Release From the Habenular Astrocytes Induces Depressive-Like Behaviors in Mice. *Glia*.

Lin L, et al. (2024) Epistatic interactions between NMD and TRP53 control progenitor cell maintenance and brain size. *Neuron*, 112(13), 2157.

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

Aizawa E, et al. (2023) Epigenetic regulation limits competence of pluripotent stem cell-derived oocytes. *The EMBO journal*, 42(23), e113955.

Söderhäll I, et al. (2022) Characterization of hemocytes and hematopoietic cells of a freshwater crayfish based on single-cell transcriptome analysis. *iScience*, 25(8), 104850.

Moon JE, et al. (2022) Chromosome silencing in vitro reveals trisomy 21 causes cell-autonomous deficits in angiogenesis and early dysregulation in Notch signaling. *Cell reports*, 40(6), 111174.

Klein I, et al. (2022) Glia from the central and peripheral nervous system are differentially affected by paclitaxel chemotherapy via modulating their neuroinflammatory and neuroregenerative properties. *Frontiers in pharmacology*, 13, 1038285.

Biswas R, et al. (2021) Mechanical instability of adherens junctions overrides intrinsic

quiescence of hair follicle stem cells. *Developmental cell*, 56(6), 761.

Vay SU, et al. (2021) Osteopontin regulates proliferation, migration, and survival of astrocytes depending on their activation phenotype. *Journal of neuroscience research*, 99(11), 2822.

Wang J, et al. (2021) Persistence of RNA transcription during DNA replication delays duplication of transcription start sites until G2/M. *Cell reports*, 34(7), 108759.

Wang J, et al. (2021) Protocol for analysis of G2/M DNA synthesis in human cells. *STAR protocols*, 2(2), 100570.

Czermiński JT, et al. (2020) Silencing Trisomy 21 with XIST in Neural Stem Cells Promotes Neuronal Differentiation. *Developmental cell*, 52(3), 294.

Cheng Y, et al. (2020) NeuroD1 Dictates Tumor Cell Differentiation in Medulloblastoma. *Cell reports*, 31(12), 107782.

Vazifekkhah S, et al. (2020) Evaluation of the ameliorative effects of oral administration of metformin on epileptogenesis in the temporal lobe epilepsy model in rats. *Life sciences*, 257, 118066.

Li S, et al. (2020) SFTSV Infection Induces BAK/BAX-Dependent Mitochondrial DNA Release to Trigger NLRP3 Inflammasome Activation. *Cell reports*, 30(13), 4370.

Sarraf SA, et al. (2019) PINK1/Parkin Influences Cell Cycle by Sequestering TBK1 at Damaged Mitochondria, Inhibiting Mitosis. *Cell reports*, 29(1), 225.

Fu CH, et al. (2019) Early Seizure Activity Accelerates Depletion of Hippocampal Neural Stem Cells and Impairs Spatial Discrimination in an Alzheimer's Disease Model. *Cell reports*, 27(13), 3741.

Kluth O, et al. (2019) Decreased Expression of Cilia Genes in Pancreatic Islets as a Risk Factor for Type 2 Diabetes in Mice and Humans. *Cell reports*, 26(11), 3027.

Li S, et al. (2019) Conversion of Astrocytes and Fibroblasts into Functional Noradrenergic Neurons. *Cell reports*, 28(3), 682.

Xu M, et al. (2018) An Interleukin-25-Mediated Autoregulatory Circuit in Keratinocytes Plays a Pivotal Role in Psoriatic Skin Inflammation. *Immunity*, 48(4), 787.