

Resource Summary Report

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RAT ANTI BrdU

RRID:AB_323427

Type: Antibody

Proper Citation

(Bio-Rad Cat# MCA2060, RRID:AB_323427)

Antibody Information

URL: http://antibodyregistry.org/AB_323427

Proper Citation: (Bio-Rad Cat# MCA2060, RRID:AB_323427)

Target Antigen: RAT ANTI BrdU

Host Organism: rat

Clonality: monoclonal

Comments: manufacturer recommendations: IgG2a; IgG2a Flow Cytometry; Immunohistochemistry - fixed; Immunohistochemistry; Immunofluorescence; Flow Cytometry, Immunohistology - Paraffin, Immunofluorescence

Antibody Name: RAT ANTI BrdU

Description: This monoclonal targets RAT ANTI BrdU

Target Organism: chemical

Defining Citation: [PMID:20151365](#), [PMID:20187140](#), [PMID:20235091](#), [PMID:18205207](#), [PMID:16736475](#), [PMID:16680766](#)

Antibody ID: AB_323427

Vendor: Bio-Rad

Catalog Number: MCA2060

Record Creation Time: 20260218T232354+0000

Record Last Update: 20260225T234445+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community.
Contact(s): [Holger Russ](#), [Andrew Stewart](#), [Matthias Hebrok](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for RAT ANTI BrdU.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Chen L, et al. (2023) TGFB1 induces fetal reprogramming and enhances intestinal regeneration. *Cell stem cell*, 30(11), 1520.

Fanlo L, et al. (2023) Neural crest-related NXPH1/?-NRXN signaling opposes neuroblastoma malignancy by inhibiting organotropic metastasis. *Oncogene*, 42(28), 2218.

Hoehme S, et al. (2023) Digital twin demonstrates significance of biomechanical growth control in liver regeneration after partial hepatectomy. *iScience*, 26(1), 105714.

Gao Y, et al. (2022) Impaired KDM2B-mediated PRC1 recruitment to chromatin causes defective neural stem cell self-renewal and ASD/ID-like behaviors. *iScience*, 25(2), 103742.

Liu Y, et al. (2022) Stromal AR inhibits prostate tumor progression by restraining secretory luminal epithelial cells. *Cell reports*, 39(8), 110848.

Aronowitz JV, et al. (2022) DARPP-32 distinguishes a subset of adult-born neurons in zebra finch HVC. *The Journal of comparative neurology*, 530(5), 792.

La Rosa P, et al. (2021) Androgen Receptor signaling promotes the neural progenitor cell pool in the developing cortex. *Journal of neurochemistry*, 157(4), 1153.

Gengatharan A, et al. (2021) Adult neural stem cell activation in mice is regulated by the day/night cycle and intracellular calcium dynamics. *Cell*, 184(3), 709.

Licht T, et al. (2020) Hippocampal neural stem cells facilitate access from circulation via apical cytoplasmic processes. *eLife*, 9.

McAllister BB, et al. (2020) Effects of social defeat stress and fluoxetine treatment on neurogenesis and behavior in mice that lack zinc transporter 3 (ZnT3) and vesicular zinc. *Hippocampus*, 30(6), 623.

Li W, et al. (2020) Intermittent fasting promotes adult hippocampal neuronal differentiation by activating GSK-3 β in 3xTg-AD mice. *Journal of neurochemistry*, 155(6), 697.

Sessa A, et al. (2019) SETD5 Regulates Chromatin Methylation State and Preserves Global Transcriptional Fidelity during Brain Development and Neuronal Wiring. *Neuron*, 104(2), 271.

Wang J, et al. (2018) Paired Related Homeobox Protein 1 Regulates Quiescence in Human Oligodendrocyte Progenitors. *Cell reports*, 25(12), 3435.

Barrio-Alonso E, et al. (2018) Cell cycle reentry triggers hyperploidization and synaptic dysfunction followed by delayed cell death in differentiated cortical neurons. *Scientific reports*, 8(1), 14316.

Papadimitriou C, et al. (2018) 3D Culture Method for Alzheimer's Disease Modeling Reveals Interleukin-4 Rescues A β 42-Induced Loss of Human Neural Stem Cell Plasticity. *Developmental cell*, 46(1), 85.

Medler TR, et al. (2018) Complement C5a Fosters Squamous Carcinogenesis and Limits T Cell Response to Chemotherapy. *Cancer cell*, 34(4), 561.

Homman-Ludiye J, et al. (2018) Full: Ontogenesis and development of the nonhuman primate pulvinar. *The Journal of comparative neurology*, 526(17), 2870.

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

Dave JM, et al. (2018) Pericyte ALK5/TIMP3 Axis Contributes to Endothelial Morphogenesis in the Developing Brain. *Developmental cell*, 44(6), 665.

Windrem MS, et al. (2017) Human iPSC Glial Mouse Chimeras Reveal Glial Contributions to Schizophrenia. *Cell stem cell*, 21(2), 195.