

Resource Summary Report

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Rat Anti-Chemical BrdU Monoclonal antibody, Unconjugated, Clone BU1/75 (ICR1)

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: Chemical BrdU

Host Organism: rat

Clonality: monoclonal

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

Antibody Name: Rat Anti-Chemical BrdU Monoclonal antibody, Unconjugated, Clone BU1/75 (ICR1)

Description: This monoclonal targets Chemical BrdU

Target Organism: chemical

Clone ID: Clone BU1/75 (ICR1)

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: 20260218T233147+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-Chemical BrdU Monoclonal antibody, Unconjugated, Clone BU1/75 (ICR1).

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 [NIF](#).

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 hyperploidy 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.