

Resource Summary Report

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

RRID:AB_609566

Type: Antibody

Proper Citation

(Bio-Rad Cat# OBT0030CX, RRID:AB_609566)

Antibody Information

URL: http://antibodyregistry.org/AB_609566

Proper Citation: (Bio-Rad Cat# OBT0030CX, RRID:AB_609566)

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:22473852](#), [PMID:19827160](#), [PMID:19363795](#)

Antibody ID: AB_609566

Vendor: Bio-Rad

Catalog Number: OBT0030CX

Record Creation Time: 20231110T043915+0000

Record Last Update: 20241115T022922+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Chemical BrdU Monoclonal antibody, Unconjugated, Clone BU1/75 (ICR1).

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 17 mentions in open access literature.

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

Schneider J, et al. (2022) Astrogenesis in the murine dentate gyrus is a life-long and dynamic process. The EMBO journal, 41(11), e110409.

Tonelli Gombalová Z, et al. (2020) Majority of cerebrospinal fluid-contacting neurons in the spinal cord of C57Bl/6N mice is present in ectopic position unlike in other studied experimental mice strains and mammalian species. The Journal of comparative neurology, 528(15), 2523.

Heppt J, et al. (2020) γ -catenin signaling modulates the tempo of dendritic growth of adult-born hippocampal neurons. The EMBO journal, 39(21), e104472.

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

Ceanga M, et al. (2019) Stroke Accelerates and Uncouples Intrinsic and Synaptic Excitability Maturation of Mouse Hippocampal DCX+ Adult-Born Granule Cells. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(9), 1755.

Piumatti M, et al. (2018) Non-Newly Generated, "Immature" Neurons in the Sheep Brain Are Not Restricted to Cerebral Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(4), 826.

Lust K, et al. (2018) Activating the regenerative potential of Müller glia cells in a regeneration-deficient retina. *eLife*, 7.

Foskolou IP, et al. (2017) Ribonucleotide Reductase Requires Subunit Switching in Hypoxia to Maintain DNA Replication. *Molecular cell*, 66(2), 206.

Phillips AF, et al. (2017) Single-Molecule Analysis of mtDNA Replication Uncovers the Basis of the Common Deletion. *Molecular cell*, 65(3), 527.

Semerici F, et al. (2017) Lunatic fringe-mediated Notch signaling regulates adult hippocampal neural stem cell maintenance. *eLife*, 6.

Alexovi? Matiašová A, et al. (2017) Quantitative analyses of cellularity and proliferative activity reveals the dynamics of the central canal lining during postnatal development of the rat. *The Journal of comparative neurology*, 525(3), 693.

Stanton GB, et al. (2015) Cytogenesis in the adult monkey motor cortex: perivascular NG2 cells are the major adult born cell type. *The Journal of comparative neurology*, 523(6), 849.

Sevc J, et al. (2014) Evidence that the central canal lining of the spinal cord contributes to oligodendrogenesis during postnatal development and adulthood in intact rats. *The Journal of comparative neurology*, 522(14), 3194.

Kuscha V, et al. (2012) Plasticity of tyrosine hydroxylase and serotonergic systems in the regenerating spinal cord of adult zebrafish. *The Journal of comparative neurology*, 520(5), 933.

Kuscha V, et al. (2012) Lesion-induced generation of interneuron cell types in specific dorsoventral domains in the spinal cord of adult zebrafish. *The Journal of comparative neurology*, 520(16), 3604.

Singer BH, et al. (2009) Conditional ablation and recovery of forebrain neurogenesis in the mouse. *The Journal of comparative neurology*, 514(6), 567.

Gribaudo S, et al. (2009) Expression and localization of the calmodulin-binding protein neurogranin in the adult mouse olfactory bulb. *The Journal of comparative neurology*, 517(5), 683.