

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

BrdU (5-bromo-2-deoxyuridine)

RRID:AB_2314032

Type: Antibody

Proper Citation

Cytiva Cat# RPN 202, RRID:AB_2314032

Antibody Information

URL: http://antibodyregistry.org/AB_2314032

Proper Citation: Cytiva Cat# RPN 202, RRID:AB_2314032

Clonality: unknown

Antibody Name: BrdU (5-bromo-2-deoxyuridine)

Description: This unknown targets

Defining Citation: [PMID:19058188](#)

Antibody ID: AB_2314032

Vendor: Cytiva

Catalog Number: RPN 202

Record Creation Time: 20250819T204919+0000

Record Last Update: 20250819T205603+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community.
Contact(s): [Benjamin Glaser](#), [Yuval Dor](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for BrdU (5-bromo-2-deoxyuridine).

Data and Source Information

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Wang Y, et al. (2025) PALB2 and 53BP1 govern post-resection homologous recombination DNA repair. *Molecular cell*, 85(15), 2824.

Okraine YV, et al. (2025) Versatile enhancement of the killing potential of anti-cancer agents achieved by peptide mimetics of the PCNA interface towards specialized DNA polymerases. *Cell death & disease*, 16(1), 503.

Stolovich-Rain M, et al. (2023) Extensive elimination of acinar cells during normal postnatal pancreas growth. *Cell reports*, 42(12), 113457.

Mansilla SF, et al. (2023) Polymerase iota (Pol ϵ) prevents PrimPol-mediated nascent DNA synthesis and chromosome instability. *Science advances*, 9(15), eade7997.

Qi L, et al. (2022) Phosphorylation of BRCA1 by ATM upon double-strand breaks impacts ATM function in end-resection: A potential feedback loop. *iScience*, 25(9), 104944.

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

Furth-Lavi J, et al. (2022) Glycemic control releases regenerative potential of pancreatic beta cells blocked by severe hyperglycemia. *Cell reports*, 41(9), 111719.

Nandi D, et al. (2021) Artemisinin Mediates Its Tumor-Suppressive Activity in Hepatocellular Carcinoma Through Targeted Inhibition of FoxM1. *Frontiers in oncology*, 11, 751271.

Tian T, et al. (2021) The ZATT-TOP2A-PICH Axis Drives Extensive Replication Fork Reversal to Promote Genome Stability. *Molecular cell*, 81(1), 198.

Morello F, et al. (2020) Molecular Fingerprint and Developmental Regulation of the Tegmental GABAergic and Glutamatergic Neurons Derived from the Anterior Hindbrain. *Cell reports*, 33(2), 108268.

Holmes G, et al. (2020) Integrated Transcriptome and Network Analysis Reveals Spatiotemporal Dynamics of Calvarial Suturogenesis. *Cell reports*, 32(1), 107871.

Salvador-Barbero B, et al. (2020) CDK4/6 Inhibitors Impair Recovery from Cytotoxic Chemotherapy in Pancreatic Adenocarcinoma. *Cancer cell*, 37(3), 340.

Warren NJH, et al. (2019) Inhibition of checkpoint kinase 1 following gemcitabine-mediated S phase arrest results in CDC7- and CDK2-dependent replication catastrophe. *The Journal of biological chemistry*, 294(6), 1763.

Jachimowicz RD, et al. (2019) UBQLN4 Represses Homologous Recombination and Is Overexpressed in Aggressive Tumors. *Cell*, 176(3), 505.

Brandt M, et al. (2018) mTORC1 Inactivation Promotes Colitis-Induced Colorectal Cancer but Protects from APC Loss-Dependent Tumorigenesis. *Cell metabolism*, 27(1), 118.

Przetocka S, et al. (2018) CtIP-Mediated Fork Protection Synergizes with BRCA1 to Suppress Genomic Instability upon DNA Replication Stress. *Molecular cell*, 72(3), 568.

Jimeno S, et al. (2018) The Helicase PIF1 Facilitates Resection over Sequences Prone to Forming G4 Structures. *Cell reports*, 24(12), 3262.

Volckaert T, et al. (2017) Fgf10-Hippo Epithelial-Mesenchymal Crosstalk Maintains and Recruits Lung Basal Stem Cells. *Developmental cell*, 43(1), 48.