

Resource Summary Report

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BrdU

RRID:AB_10015219

Type: Antibody

Proper Citation

(BD Biosciences Cat# 347580, RRID:AB_10015219)

Antibody Information

URL: http://antibodyregistry.org/AB_10015219

Proper Citation: (BD Biosciences Cat# 347580, RRID:AB_10015219)

Target Antigen: BrdU

Clonality: unknown

Antibody Name: BrdU

Description: This unknown targets BrdU

Clone ID: B44

Defining Citation: [PMID:23124808](#), [PMID:22791629](#), [PMID:23238877](#)

Antibody ID: AB_10015219

Vendor: BD Biosciences

Catalog Number: 347580

Record Creation Time: 20231110T053916+0000

Record Last Update: 20241115T040540+0000

Ratings and Alerts

No rating or validation information has been found for BrdU.

No alerts have been found for BrdU.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 121 mentions in open access literature.

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

Oram MK, et al. (2024) RNF4 prevents genomic instability caused by chronic DNA under-replication. *DNA repair*, 135, 103646.

Krishnamoorthy V, et al. (2024) The SPATA5-SPATA5L1 ATPase complex directs replisome proteostasis to ensure genome integrity. *Cell*, 187(9), 2250.

Son MY, et al. (2024) RAD51 separation of function mutation disables replication fork maintenance but preserves DSB repair. *iScience*, 27(4), 109524.

Ubieto-Capella P, et al. (2024) A rewiring of DNA replication mediated by MRE11 exonuclease underlies primed-to-naive cell de-differentiation. *Cell reports*, 43(4), 114024.

Marple T, et al. (2024) TREX2 deficiency suppresses spontaneous and genotoxin-associated mutagenesis. *Cell reports*, 43(1), 113637.

Scelfo A, et al. (2024) Specialized replication mechanisms maintain genome stability at human centromeres. *Molecular cell*, 84(6), 1003.

Do BT, et al. (2024) Nucleotide depletion promotes cell fate transitions by inducing DNA replication stress. *Developmental cell*, 59(16), 2203.

Hill BR, et al. (2024) Loss of POLE3-POLE4 unleashes replicative gap accumulation upon treatment with PARP inhibitors. *Cell reports*, 43(5), 114205.

Muñoz S, et al. (2024) SIN3A histone deacetylase action counteracts MUS81 to promote stalled fork stability. *Cell reports*, 43(2), 113778.

Rodríguez-Moreno CB, et al. (2024) Azithromycin preserves adult hippocampal neurogenesis and behavior in a mouse model of sepsis. *Brain, behavior, and immunity*, 117, 135.

Egger T, et al. (2024) Spatial organization and functions of Chk1 activation by TopBP1 biomolecular condensates. *Cell reports*, 43(4), 114064.

Marquez-Palencia M, et al. (2024) AXL/WRNIP1 Mediates Replication Stress Response and

Promotes Therapy Resistance and Metachronous Metastasis in HER2+ Breast Cancer. *Cancer research*, 84(5), 675.

Wang C, et al. (2024) A multidimensional atlas of human glioblastoma-like organoids reveals highly coordinated molecular networks and effective drugs. *NPJ precision oncology*, 8(1), 19.

Megerson E, et al. (2024) Kremen1 regulates the regenerative capacity of support cells and mechanosensory hair cells in the zebrafish lateral line. *iScience*, 27(1), 108678.

Feng S, et al. (2024) Profound synthetic lethality between SMARCAL1 and FANCM. *Molecular cell*, 84(23), 4522.

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. *Molecular cell*, 84(8), 1475.

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. *Developmental cell*, 59(3), 308.

Andronikou C, et al. (2024) PARG-deficient tumor cells have an increased dependence on EXO1/FEN1-mediated DNA repair. *The EMBO journal*, 43(6), 1015.

Lu R, et al. (2024) Distinct modes of telomere synthesis and extension contribute to Alternative Lengthening of Telomeres. *iScience*, 27(1), 108655.

Audrey A, et al. (2024) RAD52-dependent mitotic DNA synthesis is required for genome stability in Cyclin E1-overexpressing cells. *Cell reports*, 43(4), 114116.