Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 8, 2025

Rad51 (D4B10) Rabbit mAb

RRID:AB_2721109
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 8875, RRID:AB_2721109)

Antibody Information

URL: http://antibodyregistry.org/AB_2721109

Proper Citation: (Cell Signaling Technology Cat# 8875, RRID:AB_2721109)

Target Antigen: RAD51

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: Rad51 (D4B10) Rabbit mAb

Description: This monoclonal targets RAD51

Target Organism: monkey, rat, mouse, human

Antibody ID: AB_2721109

Vendor: Cell Signaling Technology

Catalog Number: 8875

Record Creation Time: 20231110T033730+0000

Record Last Update: 20240725T055744+0000

Ratings and Alerts

No rating or validation information has been found for Rad51 (D4B10) Rabbit mAb.

No alerts have been found for Rad51 (D4B10) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Deans-Fielder K, et al. (2024) Mechanisms driving fasting-induced protection from genotoxic injury in the small intestine. American journal of physiology. Gastrointestinal and liver physiology, 326(5), G504.

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

Simoni-Nieves A, et al. (2024) A bispecific antibody targeting EGFR and AXL delays resistance to osimertinib. Cell reports. Medicine, 5(9), 101703.

Rageul J, et al. (2024) Poly(ADP-ribosyl)ation of TIMELESS limits DNA replication stress and promotes stalled fork protection. Cell reports, 43(3), 113845.

Fukuda K, et al. (2024) Targeting WEE1 enhances the antitumor effect of KRAS-mutated non-small cell lung cancer harboring TP53 mutations. Cell reports. Medicine, 5(6), 101578.

Sellars E, et al. (2024) A high-throughput approach to identify BRCA1-downregulating compounds to enhance PARP inhibitor sensitivity. iScience, 27(7), 110180.

Folly-Kossi H, et al. (2023) DNA2 Nuclease Inhibition Confers Synthetic Lethality in Cancers with Mutant p53 and Synergizes with PARP Inhibitors. Cancer research communications, 3(10), 2096.

Han T, et al. (2023) Cancer Cell Resistance to IFN? Can Occur via Enhanced Double-Strand Break Repair Pathway Activity. Cancer immunology research, 11(3), 381.

Marrocco I, et al. (2023) L858R emerges as a potential biomarker predicting response of lung cancer models to anti-EGFR antibodies: Comparison of osimertinib vs. cetuximab. Cell reports. Medicine, 4(8), 101142.

Wang M, et al. (2023) Crucial roles of the BRCA1-BARD1 E3 ubiquitin ligase activity in homology-directed DNA repair. Molecular cell, 83(20), 3679.

Rodriguez-Berriguete G, et al. (2023) Small-Molecule Pol? Inhibitors Provide Safe and Effective Tumor Radiosensitization in Preclinical Models. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(8), 1631.

Li N, et al. (2022) NEIL3 contributes to the Fanconi anemia/BRCA pathway by promoting the downstream double-strand break repair step. Cell reports, 41(6), 111600.

Qi H, et al. (2022) The ADP-ribose hydrolase NUDT5 is important for DNA repair. Cell reports, 41(12), 111866.

Lan B, et al. (2022) CRISPR-Cas9 Screen Identifies DYRK1A as a Target for Radiotherapy Sensitization in Pancreatic Cancer. Cancers, 14(2).

Metselaar DS, et al. (2022) AURKA and PLK1 inhibition selectively and synergistically block cell cycle progression in diffuse midline glioma. iScience, 25(6), 104398.

Dieter SM, et al. (2021) Degradation of CCNK/CDK12 is a druggable vulnerability of colorectal cancer. Cell reports, 36(3), 109394.

Ferrandon S, et al. (2020) CoA Synthase (COASY) Mediates Radiation Resistance via PI3K Signaling in Rectal Cancer. Cancer research, 80(2), 334.

Cai MY, et al. (2020) Cooperation of the ATM and Fanconi Anemia/BRCA Pathways in Double-Strand Break End Resection. Cell reports, 30(7), 2402.

Flaherty RL, et al. (2019) Stress hormone-mediated acceleration of breast cancer metastasis is halted by inhibition of nitric oxide synthase. Cancer letters, 459, 59.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. Cancer cell, 33(3), 450.