

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 29, 2025

Rad52 (F-7)

RRID:AB_10851346

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-365341, RRID:AB_10851346)

Antibody Information

URL: http://antibodyregistry.org/AB_10851346

Proper Citation: (Santa Cruz Biotechnology Cat# sc-365341, RRID:AB_10851346)

Target Antigen: Rad52 (F-7)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunofluorescence; ELISA; Immunoprecipitation; Western Blot; WB, IP, IF, ELISA

Antibody Name: Rad52 (F-7)

Description: This monoclonal targets Rad52 (F-7)

Target Organism: rat, mouse, human

Antibody ID: AB_10851346

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-365341

Record Creation Time: 20231110T064228+0000

Record Last Update: 20241115T095717+0000

Ratings and Alerts

No rating or validation information has been found for Rad52 (F-7).

No alerts have been found for Rad52 (F-7).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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.

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

van de Kooij B, et al. (2024) EXO1 protects BRCA1-deficient cells against toxic DNA lesions. *Molecular cell*, 84(4), 659.

Thosar SA, et al. (2024) Oxidative guanine base damage plays a dual role in regulating productive ALT-associated homology-directed repair. *Cell reports*, 43(1), 113656.

Teresa BG, et al. (2024) Reversion from basal histone H4 hypoacetylation at the replication fork increases DNA damage in FANCA deficient cells. *PloS one*, 19(5), e0298032.

Rauth S, et al. (2023) Elevated PAF1-RAD52 axis confers chemoresistance to human cancers. *Cell reports*, 42(2), 112043.

Deshpande M, et al. (2022) Error-prone repair of stalled replication forks drives mutagenesis and loss of heterozygosity in haploinsufficient BRCA1 cells. *Molecular cell*, 82(20), 3781.

Mocanu C, et al. (2022) DNA replication is highly resilient and persistent under the challenge of mild replication stress. *Cell reports*, 39(3), 110701.

Zampetidis CP, et al. (2021) A recurrent chromosomal inversion suffices for driving escape from oncogene-induced senescence via subTAD reorganization. *Molecular cell*, 81(23), 4907.

Kilgas S, et al. (2021) p97/VCP inhibition causes excessive MRE11-dependent DNA end resection promoting cell killing after ionizing radiation. *Cell reports*, 35(8), 109153.

Kohzaki M, et al. (2020) Human RECQL4 represses the RAD52-mediated single-strand annealing pathway after ionizing radiation or cisplatin treatment. *International journal of*

cancer, 146(11), 3098.

Barroso-González J, et al. (2019) RAD51AP1 Is an Essential Mediator of Alternative Lengthening of Telomeres. *Molecular cell*, 76(1), 11.

Rai R, et al. (2019) The Replisome Mediates A-NHEJ Repair of Telomeres Lacking POT1-TPP1 Independently of MRN Function. *Cell reports*, 29(11), 3708.

Roy S, et al. (2018) p53 orchestrates DNA replication restart homeostasis by suppressing mutagenic RAD52 and POL η pathways. *eLife*, 7.