

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

Rad51 Antibody (14B4)

RRID:AB_10002131

Type: Antibody

Proper Citation

Novus Cat# NB100-148, RRID:AB_10002131

Antibody Information

URL: http://antibodyregistry.org/AB_10002131

Proper Citation: Novus Cat# NB100-148, RRID:AB_10002131

Target Antigen: Rad51

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, In vitro assay, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP), Knockdown Validated

Antibody Name: Rad51 Antibody (14B4)

Description: This monoclonal targets Rad51

Target Organism: Human, C. elegans, Rat, Mouse, Chicken

Clone ID: 14B4

Antibody ID: AB_10002131

Vendor: Novus

Catalog Number: NB100-148

Record Creation Time: 20231110T081735+0000

Record Last Update: 20260829T090620+0000

Ratings and Alerts

No rating or validation information has been found for Rad51 Antibody (14B4).

No alerts have been found for Rad51 Antibody (14B4).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Joyce CM, et al. (2026) The FANCD2-FANCI heterodimer coordinates chromatin openness and cell cycle progression throughout DNA double-strand break repair. Cell reports, 45(1), 116830.

Suresh S, et al. (2025) PARP inhibitor and PRMT5 inhibitor synergy is independent of BRCA1/2 and MTAP status in breast cancer cells. Scientific reports, 15(1), 36766.

Peng M, et al. (2025) RAD51 is chromatin enriched and targetable in BRCA1-deficient cells. Molecular cell.

Pierson Smela M, et al. (2024) Induction of Meiosis from Human Pluripotent Stem Cells. bioRxiv : the preprint server for biology.

Veo B, et al. (2021) Transcriptional control of DNA repair networks by CDK7 regulates sensitivity to radiation in MYC-driven medulloblastoma. Cell reports, 35(4), 109013.

Hinch AG, et al. (2020) The Configuration of RPA, RAD51, and DMC1 Binding in Meiosis Reveals the Nature of Critical Recombination Intermediates. Molecular cell, 79(4), 689.

Periasamy J, et al. (2018) Targeting Phosphopeptide Recognition by the Human BRCA1 Tandem BRCT Domain to Interrupt BRCA1-Dependent Signaling. Cell chemical biology, 25(6), 677.

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