

Resource Summary Report

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FANCD2 (FI17)

RRID:AB_2278211

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-20022, RRID:AB_2278211

Antibody Information

URL: http://antibodyregistry.org/AB_2278211

Proper Citation: Santa Cruz Biotechnology Cat# sc-20022, RRID:AB_2278211

Target Antigen: FANCD2 (FI17)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P); Immunoprecipitation; Western Blot

Antibody Name: FANCD2 (FI17)

Description: This monoclonal targets FANCD2 (FI17)

Target Organism: human

Antibody ID: AB_2278211

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-20022

Record Creation Time: 20250820T010048+0000

Record Last Update: 20250820T094746+0000

Ratings and Alerts

No rating or validation information has been found for FANCD2 (FI17).

No alerts have been found for FANCD2 (FI17).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Lopez Martinez D, et al. (2025) PAF1C-mediated activation of CDK12/13 kinase activity is critical for CTD phosphorylation and transcript elongation. *Molecular cell*, 85(10), 1952.

Yang D, et al. (2024) PP2A licenses the FANCD2/FANCI complex for chromosome loading. *Cell reports*, 43(11), 114971.

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

Harada N, et al. (2024) The splicing factor CCAR1 regulates the Fanconi anemia/BRCA pathway. *Molecular cell*, 84(14), 2618.

Olazabal-Herrero A, et al. (2024) The FANCI/FANCD2 complex links DNA damage response to R-loop regulation through SRSF1-mediated mRNA export. *Cell reports*, 43(1), 113610.

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

Kupculak M, et al. (2023) Phosphorylation by ATR triggers FANCD2 chromatin loading and activates the Fanconi anemia pathway. *Cell reports*, 42(7), 112721.

Shi Y, et al. (2023) Crosstalk of ferroptosis regulators and tumor immunity in pancreatic adenocarcinoma: novel perspective to mRNA vaccines and personalized immunotherapy. *Apoptosis : an international journal on programmed cell death*, 28(9-10), 1423.

Benitez A, et al. (2023) GEN1 promotes common fragile site expression. *Cell reports*, 42(2), 112062.

Shah RB, et al. (2021) FANCI functions as a repair/apoptosis switch in response to DNA crosslinks. *Developmental cell*, 56(15), 2207.

Msaouel P, et al. (2020) Comprehensive Molecular Characterization Identifies Distinct Genomic and Immune Hallmarks of Renal Medullary Carcinoma. *Cancer cell*, 37(5), 720.

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.

Socha A, et al. (2020) WRNIP1 Is Recruited to DNA Interstrand Crosslinks and Promotes Repair. *Cell reports*, 32(1), 107850.

Liang Z, et al. (2019) Binding of FANCI-FANCD2 Complex to RNA and R-Loops Stimulates Robust FANCD2 Monoubiquitination. *Cell reports*, 26(3), 564.

Wang H, et al. (2019) Inadequate DNA Damage Repair Promotes Mammary Transdifferentiation, Leading to BRCA1 Breast Cancer. *Cell*, 178(1), 135.

Lopez-Martinez D, et al. (2019) Phosphorylation of FANCD2 Inhibits the FANCD2/FANCI Complex and Suppresses the Fanconi Anemia Pathway in the Absence of DNA Damage. *Cell reports*, 27(10), 2990.

Salas-Armenteros I, et al. (2019) Depletion of the MFAP1/SPP381 Splicing Factor Causes R-Loop-Independent Genome Instability. *Cell reports*, 28(6), 1551.

Wagner K, et al. (2019) The SUMO Isopeptidase SENP6 Functions as a Rheostat of Chromatin Residency in Genome Maintenance and Chromosome Dynamics. *Cell reports*, 29(2), 480.

Heijink AM, et al. (2019) Modeling of Cisplatin-Induced Signaling Dynamics in Triple-Negative Breast Cancer Cells Reveals Mediators of Sensitivity. *Cell reports*, 28(9), 2345.

Higgs MR, et al. (2018) Histone Methylation by SETD1A Protects Nascent DNA through the Nucleosome Chaperone Activity of FANCD2. *Molecular cell*, 71(1), 25.