Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 21, 2025

Anti-Topoisomerase I-DNA Covalent Complexes Antibody

RRID:AB_2756354
Type: Antibody

Proper Citation

(Millipore Cat# MABE1084, RRID:AB_2756354)

Antibody Information

URL: http://antibodyregistry.org/AB_2756354

Proper Citation: (Millipore Cat# MABE1084, RRID:AB_2756354)

Target Antigen: Topoisomerase I-DNA Covalent Complexes

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Immunocytochemistry, Flow Cytometry, Dot Blot, ELISA

Antibody Name: Anti-Topoisomerase I-DNA Covalent Complexes Antibody

Description: This monoclonal targets Topoisomerase I-DNA Covalent Complexes

Target Organism: mouse, human

Clone ID: 1.1A

Antibody ID: AB_2756354

Vendor: Millipore

Catalog Number: MABE1084

Record Creation Time: 20231110T033316+0000

Record Last Update: 20240725T022217+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Topoisomerase I-DNA Covalent Complexes Antibody.

No alerts have been found for Anti-Topoisomerase I-DNA Covalent Complexes Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Hidmi O, et al. (2024) TOP1 and R-loops facilitate transcriptional DSBs at hypertranscribed cancer driver genes. iScience, 27(3), 109082.

Paul Chowdhuri S, et al. (2024) TDP1 phosphorylation by CDK1 in mitosis promotes MUS81-dependent repair of trapped Top1-DNA covalent complexes. The EMBO journal, 43(17), 3710.

Torrecilla I, et al. (2024) Isolation and detection of DNA-protein crosslinks in mammalian cells. Nucleic acids research, 52(2), 525.

Geraud M, et al. (2024) TDP1 mutation causing SCAN1 neurodegenerative syndrome hampers the repair of transcriptional DNA double-strand breaks. Cell reports, 43(5), 114214.

Alghoul E, et al. (2023) Compartmentalization of the SUMO/RNF4 pathway by SLX4 drives DNA repair. Molecular cell, 83(10), 1640.

Aditi , et al. (2021) Genome instability independent of type I interferon signaling drives neuropathology caused by impaired ribonucleotide excision repair. Neuron, 109(24), 3962.

Ruggiano A, et al. (2021) The protease SPRTN and SUMOylation coordinate DNA-protein crosslink repair to prevent genome instability. Cell reports, 37(10), 110080.

Flor A, et al. (2021) Lipid-derived electrophiles mediate the effects of chemotherapeutic topoisomerase I poisons. Cell chemical biology, 28(6), 776.

Srivastava M, et al. (2018) Replisome Dynamics and Their Functional Relevance upon DNA Damage through the PCNA Interactome. Cell reports, 25(13), 3869.