

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Anti-DNA, single stranded

RRID:AB_570342

Type: Antibody

Proper Citation

Millipore Cat# MAB3868, RRID:AB_570342

Antibody Information

URL: http://antibodyregistry.org/AB_570342

Proper Citation: Millipore Cat# MAB3868, RRID:AB_570342

Target Antigen: DNA single stranded

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: IgG2a; IgG2a Immunohistochemistry; ELISA; Immunocytochemistry; Flow Cytometry; ELISA, FC, IC, IH(P)

Antibody Name: Anti-DNA, single stranded

Description: This monoclonal targets DNA single stranded

Target Organism: all

Antibody ID: AB_570342

Vendor: Millipore

Catalog Number: MAB3868

Record Creation Time: 20250819T233022+0000

Record Last Update: 20250820T053249+0000

Ratings and Alerts

No rating or validation information has been found for Anti-DNA, single stranded.

No alerts have been found for Anti-DNA, single stranded.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Nguyen TQA, et al. (2026) Targeting RNase H2: A dual-mechanism strategy to elevate replication stress, DNA damage, and antitumor immunity in TNBC. *Cell reports. Medicine*, 7(5), 102750.

Crane H, et al. (2025) Senataxin regulates cisplatin resistance through an R-loop-mediated mechanism in HPV-associated head and neck cancer. *iScience*, 28(9), 113348.

Oram MK, et al. (2024) RNF4 prevents genomic instability caused by chronic DNA under-replication. *DNA repair*, 135, 103646.

Randolph ME, et al. (2024) RNA helicase DDX3 regulates RAD51 localization and DNA damage repair in Ewing sarcoma. *iScience*, 27(2), 108925.

Bhowmick R, et al. (2023) Integrator facilitates RNAPII removal to prevent transcription-replication collisions and genome instability. *Molecular cell*, 83(13), 2357.

Yasuhara T, et al. (2022) RAP80 suppresses the vulnerability of R-loops during DNA double-strand break repair. *Cell reports*, 38(5), 110335.

Kalev P, et al. (2021) MAT2A Inhibition Blocks the Growth of MTAP-Deleted Cancer Cells by Reducing PRMT5-Dependent mRNA Splicing and Inducing DNA Damage. *Cancer cell*, 39(2), 209.

Krenz B, et al. (2021) MYC- and MIZ1-Dependent Vesicular Transport of Double-Strand RNA Controls Immune Evasion in Pancreatic Ductal Adenocarcinoma. *Cancer research*, 81(16), 4242.

Choo JAMY, et al. (2020) The integrated stress response induces R-loops and hinders replication fork progression. *Cell death & disease*, 11(7), 538.

Babos KN, et al. (2019) Mitigating Antagonism between Transcription and Proliferation Allows Near-Deterministic Cellular Reprogramming. *Cell stem cell*, 25(4), 486.

Hamperl S, et al. (2017) Transcription-Replication Conflict Orientation Modulates R-Loop Levels and Activates Distinct DNA Damage Responses. *Cell*, 170(4), 774.