

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

Blooms Syndrome Protein Blm antibody

RRID:AB_2290411

Type: Antibody

Proper Citation

Abcam Cat# ab2179, RRID:AB_2290411

Antibody Information

URL: http://antibodyregistry.org/AB_2290411

Proper Citation: Abcam Cat# ab2179, RRID:AB_2290411

Target Antigen: Blooms Syndrome Protein Blm

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Immunocytochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

Antibody Name: Blooms Syndrome Protein Blm antibody

Description: This polyclonal targets Blooms Syndrome Protein Blm

Target Organism: human

Antibody ID: AB_2290411

Vendor: Abcam

Catalog Number: ab2179

Record Creation Time: 20231110T045050+0000

Record Last Update: 20260901T040102+0000

Ratings and Alerts

No rating or validation information has been found for Blooms Syndrome Protein Blm antibody.

No alerts have been found for Blooms Syndrome Protein Blm antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

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.

Spindler J, et al. (2026) SLX4IP limits replication stress globally and at ALT telomeres. *The EMBO journal*, 45(12), 4176.

Zhu S, et al. (2025) Isoform-specific function of NSD3 in DNA replication stress confers resistance to PARP inhibitors in prostate cancer. *Molecular cell*, 85(14), 2673.

Wang Y, et al. (2025) Functional analysis of pathological mutations in DNA topoisomerase 3A. *Cell reports*, 44(6), 115764.

Lascaux P, et al. (2024) TEX264 drives selective autophagy of DNA lesions to promote DNA repair and cell survival. *Cell*, 187(20), 5698.

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

Rogers CB, et al. (2023) Fanconi anemia-associated chromosomal radial formation is dependent on POL η -mediated alternative end joining. *Cell reports*, 42(5), 112428.

Kong N, et al. (2023) RIF1 suppresses the formation of single-stranded ultrafine anaphase bridges via protein phosphatase 1. *Cell reports*, 42(2), 112032.

Qu X, et al. (2023) G-quadruplex is critical to epigenetic activation of the lncRNA HOTAIR in cancer cells. *iScience*, 26(12), 108559.

Zhao J, et al. (2022) A PARylation-phosphorylation cascade promotes TOPBP1 loading and RPA-RAD51 exchange in homologous recombination. *Molecular cell*, 82(14), 2571.

Hambarde S, et al. (2021) EXO5-DNA structure and BLM interactions direct DNA resection critical for ATR-dependent replication restart. *Molecular cell*, 81(14), 2989.

Ercilla A, et al. (2020) Physiological Tolerance to ssDNA Enables Strand Uncoupling during DNA Replication. *Cell reports*, 30(7), 2416.

Segura-Bayona S, et al. (2020) Touseled-Like Kinases Suppress Innate Immune Signaling Triggered by Alternative Lengthening of Telomeres. *Cell reports*, 32(5), 107983.

Garzón J, et al. (2019) Human RIF1-Protein Phosphatase 1 Prevents Degradation and Breakage of Nascent DNA on Replication Stalling. *Cell reports*, 27(9), 2558.

Bhowmick R, et al. (2019) The RIF1-PP1 Axis Controls Abscission Timing in Human Cells. *Current biology : CB*, 29(7), 1232.

Panier S, et al. (2019) SLX4IP Antagonizes Promiscuous BLM Activity during ALT Maintenance. *Molecular cell*, 76(1), 27.