

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

Anti-phospho-Histone H2A.X (Ser139), clone JBW301, biotin conjugate

RRID:AB_310795

Type: Antibody

Proper Citation

Millipore Cat# 16-193, RRID:AB_310795

Antibody Information

URL: http://antibodyregistry.org/AB_310795

Proper Citation: Millipore Cat# 16-193, RRID:AB_310795

Target Antigen: Histone H2A.X, phospho (Ser139)

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: Immunocytochemistry; Western Blot; Western Blotting, Immunocytochemistry

Antibody Name: Anti-phospho-Histone H2A.X (Ser139), clone JBW301, biotin conjugate

Description: This monoclonal targets Histone H2A.X, phospho (Ser139)

Target Organism: human

Clone ID: Clone JBW301

Antibody ID: AB_310795

Vendor: Millipore

Catalog Number: 16-193

Record Creation Time: 20250820T041005+0000

Record Last Update: 20250820T181340+0000

Ratings and Alerts

No rating or validation information has been found for Anti-phospho-Histone H2A.X (Ser139), clone JBW301, biotin conjugate.

No alerts have been found for Anti-phospho-Histone H2A.X (Ser139), clone JBW301, biotin conjugate.

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](#) .

Fujimaki K, et al. (2025) DNA damage checkpoints balance a tradeoff between diploid- and polyploid-derived arrest failures. *Cell reports*, 44(10), 116348.

Yin Y, et al. (2021) A basal-level activity of ATR links replication fork surveillance and stress response. *Molecular cell*, 81(20), 4243.

Sottnik JL, et al. (2021) Mediator of DNA Damage Checkpoint 1 (MDC1) Is a Novel Estrogen Receptor Coregulator in Invasive Lobular Carcinoma of the Breast. *Molecular cancer research : MCR*, 19(8), 1270.

Benoit YD, et al. (2021) Targeting SUMOylation dependency in human cancer stem cells through a unique SAE2 motif revealed by chemical genomics. *Cell chemical biology*, 28(10), 1394.

Adolph MB, et al. (2021) RADX controls RAD51 filament dynamics to regulate replication fork stability. *Molecular cell*, 81(5), 1074.

Syed SM, et al. (2020) Endometrial Axin2+ Cells Drive Epithelial Homeostasis, Regeneration, and Cancer following Oncogenic Transformation. *Cell stem cell*, 26(1), 64.

Pariset E, et al. (2020) DNA Damage Baseline Predicts Resilience to Space Radiation and Radiotherapy. *Cell reports*, 33(10), 108434.

Yenerall P, et al. (2020) RUVBL1/RUVBL2 ATPase Activity Drives PAQosome Maturation, DNA Replication and Radioresistance in Lung Cancer. *Cell chemical biology*, 27(1), 105.

Alissafi T, et al. (2020) Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. *Cell metabolism*, 32(4), 591.

Marcar L, et al. (2019) Acquired Resistance of EGFR-Mutated Lung Cancer to Tyrosine Kinase Inhibitor Treatment Promotes PARP Inhibitor Sensitivity. *Cell reports*, 27(12), 3422.

Nano M, et al. (2019) Cell-Cycle Asynchrony Generates DNA Damage at Mitotic Entry in Polyploid Cells. *Current biology : CB*, 29(22), 3937.

Soeda S, et al. (2018) RSK-MASTL Pathway Delays Meiotic Exit in Mouse Zygotes to Ensure Paternal Chromosome Stability. *Developmental cell*, 47(3), 363.

Reyes J, et al. (2018) Fluctuations in p53 Signaling Allow Escape from Cell-Cycle Arrest. *Molecular cell*, 71(4), 581.

Hiebert P, et al. (2018) Nrf2-Mediated Fibroblast Reprogramming Drives Cellular Senescence by Targeting the Matrisome. *Developmental cell*, 46(2), 145.

Michel MA, et al. (2017) Ubiquitin Linkage-Specific Affimers Reveal Insights into K6-Linked Ubiquitin Signaling. *Molecular cell*, 68(1), 233.

Sakaue-Sawano A, et al. (2017) Genetically Encoded Tools for Optical Dissection of the Mammalian Cell Cycle. *Molecular cell*, 68(3), 626.