Resource Summary Report

Generated by dkNET on Aug 2, 2026

Mouse Anti-H2A.X Monoclonal Antibody, Unconjugated, Clone 3F2

RRID:AB_447150
Type: Antibody

Proper Citation

Abcam Cat# ab22551, RRID:AB_447150

Antibody Information

URL: http://antibodyregistry.org/AB_447150

Proper Citation: Abcam Cat# ab22551, RRID:AB_447150

Target Antigen: gamma H2A.X (phospho S139)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunofluorescence; Immunohistochemistry; Western Blot; ELISA, Immunocytochemistry/Immunofluorescence, Immunofluorescence, Immunohistochemistry-P, Western Blot

Antibody Name: Mouse Anti-H2A.X Monoclonal Antibody, Unconjugated, Clone 3F2

Description: This monoclonal targets gamma H2A.X (phospho S139)

Target Organism: mouse, human

Clone ID: Clone 3F2

Antibody ID: AB_447150

Vendor: Abcam

Catalog Number: ab22551

Record Creation Time: 20250819T232154+0000

Record Last Update: 20250820T050734+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-H2A.X Monoclonal Antibody, Unconjugated, Clone 3F2.

No alerts have been found for Mouse Anti-H2A.X Monoclonal Antibody, Unconjugated, Clone 3F2.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Kallio P, et al. (2025) A Multipotent PROX1+ Tumor Stem/Progenitor Cell Population Emerges during Intestinal Tumorigenesis and Mediates Radioresistance in Colorectal Cancer. Cancer research, 85(23), 4616.

Nakatani T, et al. (2025) RIF1 controls replication timing in early mouse embryos independently of lamina-associated nuclear organization. Developmental cell, 60(16), 2149.

Li Y, et al. (2025) Base-pair resolution reveals clustered R-loops and DNA damage-susceptible R-loops. Molecular cell, 85(8), 1686.

Gekko H, et al. (2025) Redistribution of fragmented mitochondria ensures symmetric organelle partitioning and faithful chromosome segregation in mitotic mouse zygotes. eLife, 13.

Pappas G, et al. (2025) Protocol for image-based monitoring of de novo RNA synthesis at DNA double-strand breaks in human cell lines. STAR protocols, 6(4), 104157.

Cigrang M, et al. (2025) Pan-inhibition of super-enhancer-driven oncogenic transcription by next-generation synthetic ecteinascidins yields potent anti-cancer activity. Nature communications, 16(1), 512.

Garvin AJ, et al. (2025) SUMO4 promotes SUMO deconjugation required for DNA double-strand-break repair. Molecular cell, 85(5), 877.

Lin CJ, et al. (2024) Genetic interactions reveal distinct biological and therapeutic implications in breast cancer. Cancer cell, 42(4), 701.

Kang Z, et al. (2024) m6A-modified cenRNA stabilizes CENPA to ensure centromere integrity in cancer cells. Cell, 187(21), 6035.

Pappas G, et al. (2023) MDC1 maintains active elongation complexes of RNA polymerase II. Cell reports, 42(1), 111979.

Gemble S, et al. (2022) Genetic instability from a single S phase after whole-genome duplication. Nature, 604(7904), 146.

Fu S, et al. (2022) HIV-1 exploits the Fanconi anemia pathway for viral DNA integration. Cell reports, 39(8), 110840.

Mitrentsi I, et al. (2022) Heterochromatic repeat clustering imposes a physical barrier on homologous recombination to prevent chromosomal translocations. Molecular cell, 82(11), 2132.

Zhang Y, et al. (2022) RPRM negatively regulates ATM levels through its nuclear translocation on irradiation mediated by CDK4/6 and IPO11. iScience, 25(10), 105115.

Li N, et al. (2022) NEIL3 contributes to the Fanconi anemia/BRCA pathway by promoting the downstream double-strand break repair step. Cell reports, 41(6), 111600.

Ka NL, et al. (2021) IFI16 inhibits DNA repair that potentiates type-I interferon-induced antitumor effects in triple negative breast cancer. Cell reports, 37(12), 110138.

Zampetidis CP, et al. (2021) A recurrent chromosomal inversion suffices for driving escape from oncogene-induced senescence via subTAD reorganization. Molecular cell, 81(23), 4907.

Liu Z, et al. (2021) Overexpression of thioredoxin reductase 1 can reduce DNA damage, mitochondrial autophagy and endoplasmic reticulum stress in Parkinson's disease. Experimental brain research, 239(2), 475.

Tuominen S, et al. (2021) Evaluation of [18F]F-DPA as a target for TSPO in head and neck cancer under normal conditions and after radiotherapy. European journal of nuclear medicine and molecular imaging, 48(5), 1312.

Bugai A, et al. (2019) P-TEFb Activation by RBM7 Shapes a Pro-survival Transcriptional Response to Genotoxic Stress. Molecular cell, 74(2), 254.