Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 7, 2024

Phospho-Histone H2A.X (Ser139) (D7T2V) Mouse mAb

RRID:AB_2799949
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 80312, RRID:AB_2799949)

Antibody Information

URL: http://antibodyregistry.org/AB_2799949

Proper Citation: (Cell Signaling Technology Cat# 80312, RRID:AB_2799949)

Target Antigen: H2AX

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC, F

Antibody Name: Phospho-Histone H2A.X (Ser139) (D7T2V) Mouse mAb

Description: This monoclonal targets H2AX

Target Organism: h, m, r, mk

Clone ID: Clone D7T2V

Antibody ID: AB_2799949

Vendor: Cell Signaling Technology

Catalog Number: 80312

Ratings and Alerts

No rating or validation information has been found for Phospho-Histone H2A.X (Ser139) (D7T2V) Mouse mAb.

No alerts have been found for Phospho-Histone H2A.X (Ser139) (D7T2V) Mouse mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Sogari A, et al. (2024) Tolerance to colibactin correlates with homologous recombination proficiency and resistance to irinotecan in colorectal cancer cells. Cell reports. Medicine, 5(2), 101376.

Palma FR, et al. (2024) Histone H3.1 is a chromatin-embedded redox sensor triggered by tumor cells developing adaptive phenotypic plasticity and multidrug resistance. Cell reports, 43(3), 113897.

Shi M, et al. (2023) GAPDH facilitates homologous recombination repair by stabilizing RAD51 in an HDAC1-dependent manner. EMBO reports, 24(8), e56437.

Du H, et al. (2023) Suppression of TREX1 deficiency-induced cellular senescence and interferonopathies by inhibition of DNA damage response. iScience, 26(7), 107090.

Li J, et al. (2023) Tyrosine catabolism enhances genotoxic chemotherapy by suppressing translesion DNA synthesis in epithelial ovarian cancer. Cell metabolism, 35(11), 2044.

Adhikary U, et al. (2023) Targeting MCL-1 triggers DNA damage and an anti-proliferative response independent from apoptosis induction. Cell reports, 42(10), 113176.

Li S, et al. (2023) Cytosolic DNA sensing by cGAS/STING promotes TRPV2-mediated Ca2+ release to protect stressed replication forks. Molecular cell, 83(4), 556.

Rivera-Mejías P, et al. (2023) The mitochondrial protease OMA1 acts as a metabolic safeguard upon nuclear DNA damage. Cell reports, 42(4), 112332.

Chen Y, et al. (2023) Short C-terminal Musashi-1 proteins regulate pluripotency states in embryonic stem cells. Cell reports, 42(10), 113308.

Zhao N, et al. (2023) DNA damage repair profiling of esophageal squamous cell carcinoma uncovers clinically relevant molecular subtypes with distinct prognoses and therapeutic vulnerabilities. EBioMedicine, 96, 104801.

Sahgal P, et al. (2023) Replicative stress in gastroesophageal cancer is associated with chromosomal instability and sensitivity to DNA damage response inhibitors. iScience, 26(11), 108169.

Yuan P, et al. (2022) Poly (ADP-ribose) polymerase 1-mediated defective mitophagy contributes to painful diabetic neuropathy in the db/db model. Journal of neurochemistry, 162(3), 276.

Xu S, et al. (2021) ASPM promotes homologous recombination-mediated DNA repair by safeguarding BRCA1 stability. iScience, 24(6), 102534.

Israel S, et al. (2021) The COP9 signalosome subunit 3 is necessary for early embryo survival by way of a stable protein deposit in mouse oocytes. Molecular human reproduction, 27(8).

Peng L, et al. (2021) Redox-sensitive cyclophilin A elicits chemoresistance through realigning cellular oxidative status in colorectal cancer. Cell reports, 37(9), 110069.

Enrico TP, et al. (2021) Cyclin F drives proliferation through SCF-dependent degradation of the retinoblastoma-like tumor suppressor p130/RBL2. eLife, 10.

Liu R, et al. (2021) Innate immune response orchestrates phosphoribosyl pyrophosphate synthetases to support DNA repair. Cell metabolism, 33(10), 2076.

Cuddy SR, et al. (2020) Neuronal hyperexcitability is a DLK-dependent trigger of herpes simplex virus reactivation that can be induced by IL-1. eLife, 9.

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.