

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 8, 2025

Ku-86 (B-1)

RRID:AB_672929

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-5280, RRID:AB_672929)

Antibody Information

URL: http://antibodyregistry.org/AB_672929

Proper Citation: (Santa Cruz Biotechnology Cat# sc-5280, RRID:AB_672929)

Target Antigen: Ku-86 (B-1)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Flow Cytometry; Immunohistochemistry; Western Blot; Immunoprecipitation; Immunofluorescence; Immunocytochemistry; WB, IP, IF, IHC(P), FCM, ELISA

Antibody Name: Ku-86 (B-1)

Description: This monoclonal targets Ku-86 (B-1)

Target Organism: rat, mouse, human

Antibody ID: AB_672929

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-5280

Record Creation Time: 20241016T232955+0000

Record Last Update: 20241017T004755+0000

Ratings and Alerts

No rating or validation information has been found for Ku-86 (B-1).

No alerts have been found for Ku-86 (B-1).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Olazabal-Herrero A, et al. (2024) The FANCI/FANCD2 complex links DNA damage response to R-loop regulation through SRSF1-mediated mRNA export. *Cell reports*, 43(1), 113610.

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

Jung CH, et al. (2024) The N-degron pathway mediates the autophagic degradation of cytosolic mitochondrial DNA during sterile innate immune responses. *Cell reports*, 44(1), 115094.

Leung W, et al. (2023) FANCD2-dependent mitotic DNA synthesis relies on PCNA K164 ubiquitination. *Cell reports*, 42(12), 113523.

Refaat AM, et al. (2023) HNRNPU facilitates antibody class-switch recombination through C-NHEJ promotion and R-loop suppression. *Cell reports*, 42(3), 112284.

Wang Y, et al. (2022) SETD4-mediated KU70 methylation suppresses apoptosis. *Cell reports*, 39(6), 110794.

Meza-Sosa KF, et al. (2022) SPARCLE, a p53-induced lncRNA, controls apoptosis after genotoxic stress by promoting PARP-1 cleavage. *Molecular cell*, 82(4), 785.

Munnur D, et al. (2019) NR4A Nuclear Receptors Target Poly-ADP-Ribosylated DNA-PKcs Protein to Promote DNA Repair. *Cell reports*, 26(8), 2028.

Liang Z, et al. (2019) Binding of FANCI-FANCD2 Complex to RNA and R-Loops Stimulates Robust FANCD2 Monoubiquitination. *Cell reports*, 26(3), 564.

Huang K, et al. (2019) A Novel Allosteric Inhibitor of Phosphoglycerate Mutase 1 Suppresses Growth and Metastasis of Non-Small-Cell Lung Cancer. *Cell metabolism*, 30(6), 1107.