

Resource Summary Report

Generated by NIF on Jul 29, 2026

E2F-1 (KH95)

RRID:AB_627476

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-251, RRID:AB_627476

Antibody Information

URL: http://antibodyregistry.org/AB_627476

Proper Citation: Santa Cruz Biotechnology Cat# sc-251, RRID:AB_627476

Target Antigen: Rb binding domain of E2F-1 p60 protein of human origin

Host Organism: mouse

Clonality: monoclonal

Comments: Used By NYUIHC-28

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: E2F-1 (KH95)

Description: This monoclonal targets Rb binding domain of E2F-1 p60 protein of human origin

Target Organism: rat, mouse, human

Clone ID: [KH95]

Antibody ID: AB_627476

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-251

Record Creation Time: 20250820T011611+0000

Record Last Update: 20250820T102844+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for E2F-1 (KH95).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Lindström L, et al. (2025) Targeting TUBG1 in RB1-negative tumors. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(5), e70431.

Hawsawi O, et al. (2025) Mitochondrial uncouplers inhibit oncogenic E2F1 activity and prostate cancer growth. Cell reports. Medicine, 6(1), 101890.

Hu X, et al. (2025) The transcription factor MEF2C restrains microglial overactivation by inhibiting kinase CDK2. Immunity, 58(4), 946.

Shi Q, et al. (2024) Phospholipase PLCE1 Promotes Transcription and Phosphorylation of MCM7 to Drive Tumor Progression in Esophageal Cancer. Cancer research, 84(4), 560.

Pascual-Pasto G, et al. (2024) Targeting GPC2 on Intraocular and CNS Metastatic Retinoblastomas with Local and Systemic Delivery of CAR T Cells. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(16), 3578.

Weng W, et al. (2024) P16INK4A drives RB1 degradation by UTP14A-catalyzed K810 ubiquitination. iScience, 27(10), 110882.

Chuang TD, et al. (2024) The in vivo effects of knockdown of long non-coding RNA XIST on fibroid growth and gene expression. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(21), e70140.

Nguyen TN, et al. (2024) Transcriptional and functional regulation of cell cycle and UV response by PPAR γ in human skin epidermal cells. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(23), e70212.

Arora M, et al. (2023) Rapid adaptation to CDK2 inhibition exposes intrinsic cell-cycle plasticity. *Cell*, 186(12), 2628.

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

Takahashi F, et al. (2022) Immune-mediated neurodegenerative trait provoked by multimodal derepression of long-interspersed nuclear element-1. *iScience*, 25(5), 104278.

Aguilar C, et al. (2021) Reprogramming of microRNA expression via E2F1 downregulation promotes *Salmonella* infection both in infected and bystander cells. *Nature communications*, 12(1), 3392.

Guerra SL, et al. (2020) A Deregulated HOX Gene Axis Confers an Epigenetic Vulnerability in KRAS-Mutant Lung Cancers. *Cancer cell*, 37(5), 705.

Roelofs PA, et al. (2020) Characterization of the mechanism by which the RB/E2F pathway controls expression of the cancer genomic DNA deaminase APOBEC3B. *eLife*, 9.

Shats I, et al. (2020) Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. *Cell metabolism*, 31(3), 564.

Sladky VC, et al. (2020) E2F-Family Members Engage the PIDDosome to Limit Hepatocyte Ploidy in Liver Development and Regeneration. *Developmental cell*, 52(3), 335.

Blank-Giwojna A, et al. (2019) lncRNA KHPS1 Activates a Poised Enhancer by Triplex-Dependent Recruitment of Epigenomic Regulators. *Cell reports*, 26(11), 2904.

Chae U, et al. (2019) A negative feedback loop between XBP1 and Fbw7 regulates cancer development. *Oncogenesis*, 8(3), 12.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Araki T, et al. (2017) EGFR Induces E2F1-Mediated Corticotroph Tumorigenesis. *Journal of the Endocrine Society*, 1(2), 127.