

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

Ras (G12D Mutant Specific) (D8H7) Rabbit mAb

RRID:AB_2728748

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 14429, RRID:AB_2728748

Antibody Information

URL: http://antibodyregistry.org/AB_2728748

Proper Citation: Cell Signaling Technology Cat# 14429, RRID:AB_2728748

Target Antigen: Ras (G12D Mutant Specific)

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB

Antibody Name: Ras (G12D Mutant Specific) (D8H7) Rabbit mAb

Description: This recombinant monoclonal targets Ras (G12D Mutant Specific)

Target Organism: human

Clone ID: D8H7

Antibody ID: AB_2728748

Vendor: Cell Signaling Technology

Catalog Number: 14429

Alternative Catalog Numbers: 14429S

Record Creation Time: 20250819T213559+0000

Record Last Update: 20250819T232918+0000

Ratings and Alerts

No rating or validation information has been found for Ras (G12D Mutant Specific) (D8H7) Rabbit mAb.

No alerts have been found for Ras (G12D Mutant Specific) (D8H7) Rabbit 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 [dkNET](#) .

England FJ, et al. (2025) Sustained NF- κ B activation allows mutant alveolar stem cells to co-opt a regeneration program for tumor initiation. *Cell stem cell*, 32(3), 375.

Decker M, et al. (2025) In vivo validation of the palmitoylation cycle as a therapeutic target in NRAS-mutant cancer. *bioRxiv : the preprint server for biology*.

Liu C, et al. (2025) Harmine suppresses pancreatic cancer through DYRK1A-mediated hyper-activated RAS/MAPK inhibition. *Biochemical pharmacology*, 242(Pt 1), 117291.

Gong Y, et al. (2025) CRISPR-Cas9 screening reveals G2E3 as a novel ubiquitin-linked factor controlling autophagosome-lysosome fusion and cancer cell progression. *Cell death discovery*, 11(1), 455.

Khine HEE, et al. (2025) Jorunnamycin A induces apoptosis in pancreatic ductal adenocarcinoma cells, spheroids, and patient-derived organoids by modulating KRAS-mediated survival pathways. *Scientific reports*, 15(1), 11376.

Hibshman PS, et al. (2025) Defining the MYC-regulated transcriptome and kinome that support KRAS- and ERK-dependent growth of pancreatic cancer. *Science signaling*, 18(906), eadu7145.

Yang C, et al. (2025) KRAS4B oncogenic mutants promote non-small cell lung cancer progression via the interaction of deubiquitinase USP25 with RNF31. *Developmental cell*, 60(12), 1768.

Budagyan K, et al. (2025) KRAS G12V mutation-selective requirement for ACSS2 in colorectal adenoma formation. *Cell reports*, 44(4), 115444.

Chen Y, et al. (2025) GCLM lactylation mediated by ACAT2 promotes ferroptosis resistance in KRASG12D-mutant cancer. *Cell reports*, 44(6), 115774.

Shui B, et al. (2023) Oncogenic K-Ras suppresses global miRNA function. *Molecular cell*, 83(14), 2509.

Wu Z, et al. (2023) Pericyte stem cells induce Ly6G+ cell accumulation and immunotherapy resistance in pancreatic cancer. *EMBO reports*, 24(4), e56524.

Biswas S, et al. (2023) Targeting intracellular oncoproteins with dimeric IgA promotes expulsion from the cytoplasm and immune-mediated control of epithelial cancers. *Immunity*, 56(11), 2570.

Han J, et al. (2023) Stromal-derived NRG1 enables oncogenic KRAS bypass in pancreas cancer. *Genes & development*, 37(17-18), 818.

Peth Z, et al. (2023) Acid-base homeostasis orchestrated by NHE1 defines the pancreatic stellate cell phenotype in pancreatic cancer. *JCI insight*, 8(19).

Gruber E, et al. (2022) Inhibition of mutant IDH1 promotes cycling of acute myeloid leukemia stem cells. *Cell reports*, 40(7), 111182.

Schild T, et al. (2021) NADK is activated by oncogenic signaling to sustain pancreatic ductal adenocarcinoma. *Cell reports*, 35(11), 109238.

Escobar-Hoyos LF, et al. (2020) Altered RNA Splicing by Mutant p53 Activates Oncogenic RAS Signaling in Pancreatic Cancer. *Cancer cell*, 38(2), 198.

Lentsch E, et al. (2019) CRISPR/Cas9-Mediated Knock-Out of KrasG12D Mutated Pancreatic Cancer Cell Lines. *International journal of molecular sciences*, 20(22).

Abel EV, et al. (2018) HNF1A is a novel oncogene that regulates human pancreatic cancer stem cell properties. *eLife*, 7.