

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

Recombinant Anti-Rb antibody [EPR17512]

RRID:AB_2848193

Type: Antibody

Proper Citation

Abcam Cat# ab181616, RRID:AB_2848193

Antibody Information

URL: http://antibodyregistry.org/AB_2848193

Proper Citation: Abcam Cat# ab181616, RRID:AB_2848193

Target Antigen: RB1

Host Organism: rabbit

Clonality: recombinant

Comments: Applications: FC, WB, IP, ICC/IF, IHC-P

Antibody Name: Recombinant Anti-Rb antibody [EPR17512]

Description: This recombinant targets RB1

Target Organism: mouse, human

Clone ID: EPR17512

Antibody ID: AB_2848193

Vendor: Abcam

Catalog Number: ab181616

Record Creation Time: 20231110T032210+0000

Record Last Update: 20260901T001431+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-Rb antibody [EPR17512].

No alerts have been found for Recombinant Anti-Rb antibody [EPR17512].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Diaz-Jimenez A, et al. (2026) EML4-ALK Variant-Specific Genetic Interactions Shape Lung Tumorigenesis. *Cancer discovery*, 16(1), 46.

Jiang J, et al. (2026) DNMT1 and DNMT3A drive hepatocellular carcinoma progression via epigenetic regulation and are inhibited by 5-azacytidine. *Biochemical pharmacology*, 246, 117670.

Jiang X, et al. (2025) KRASG12D-driven pentose phosphate pathway remodeling imparts a targetable vulnerability synergizing with MRTX1133 for durable remissions in PDAC. *Cell reports. Medicine*, 6(2), 101966.

Li F, et al. (2025) Phosphoproteomics profiling of sorafenib-resistant hepatocellular carcinoma patient-derived xenografts reveals potential therapeutic strategies. *iScience*, 28(1), 111657.

Qi X, et al. (2024) TRPV4 Blockage Inhibits the Neurogenesis in the Adult Hippocampal Dentate Gyrus Following Pilocarpine-Induced Status Epilepticus. *Molecular neurobiology*.

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

Zhang C, et al. (2024) Methionine secreted by tumor-associated pericytes supports cancer stem cells in clear cell renal carcinoma. *Cell metabolism*, 36(4), 778.

Mahieu CI, et al. (2024) ORAOV1, CCND1, and MIR548K Are the Driver Oncogenes of the 11q13 Amplicon in Squamous Cell Carcinoma. *Molecular cancer research : MCR*, 22(2), 152.

Dietrich C, et al. (2024) INX-315, a Selective CDK2 Inhibitor, Induces Cell Cycle Arrest and Senescence in Solid Tumors. *Cancer discovery*, 14(3), 446.

Yu M, et al. (2023) FRMD8 targets both CDK4 activation and RB degradation to suppress colon cancer growth. *Cell reports*, 42(8), 112886.

Freeburg NF, et al. (2023) Metastatic Competency and Tumor Spheroid Formation Are Independent Cell States Governed by RB in Lung Adenocarcinoma. *Cancer research communications*, 3(10), 1992.

Zhang Y, et al. (2023) FAK-mediated phosphorylation at Y464 regulates p85 β nuclear translocation to promote tumorigenesis of ccRCC by repressing RB1 expression. *Cell reports*, 42(3), 112188.

Kwon J, et al. (2023) Mevalonate biosynthesis pathway regulates the development and survival of brown adipocytes. *iScience*, 26(3), 106161.

Kim S, et al. (2023) Sequential activation of E2F via Rb degradation and c-Myc drives resistance to CDK4/6 inhibitors in breast cancer. *Cell reports*, 42(11), 113198.

Fong BC, et al. (2022) The Rb/E2F axis is a key regulator of the molecular signatures instructing the quiescent and activated adult neural stem cell state. *Cell reports*, 41(5), 111578.

Wang L, et al. (2022) m6A modification confers thermal vulnerability to HPV E7 oncotranscripts via reverse regulation of its reader protein IGF2BP1 upon heat stress. *Cell reports*, 41(4), 111546.

Negroni C, et al. (2020) GATA-4, a potential novel therapeutic target for high-grade meningioma, regulates miR-497, a potential novel circulating biomarker for high-grade meningioma. *EBioMedicine*, 59, 102941.