

Resource Summary Report

Generated by ASWG on Aug 10, 2026

Recombinant Anti-CDKN2A/p16INK4a antibody [EPR20418]

RRID:AB_2891084

Type: Antibody

Proper Citation

Abcam Cat# ab211542, RRID:AB_2891084

Antibody Information

URL: http://antibodyregistry.org/AB_2891084

Proper Citation: Abcam Cat# ab211542, RRID:AB_2891084

Target Antigen: CDKN2A/p16INK4a

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IP, ICC/IF, Flow Cyt

Antibody Name: Recombinant Anti-CDKN2A/p16INK4a antibody [EPR20418]

Description: This recombinant monoclonal targets CDKN2A/p16INK4a

Target Organism: mouse

Clone ID: EPR20418

Antibody ID: AB_2891084

Vendor: Abcam

Catalog Number: ab211542

Record Creation Time: 20250819T220439+0000

Record Last Update: 20250820T010210+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-CDKN2A/p16INK4a antibody [EPR20418].

No alerts have been found for Recombinant Anti-CDKN2A/p16INK4a antibody [EPR20418].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Zhou L, et al. (2026) p21-Positive Senescent Stromal Cells Promote Prostate Cancer Immune Suppression and Progression That Can Be Reversed by Senolytic Therapy. Cancer discovery, 16(3), 571.

Zhou H, et al. (2026) Targeting senescence-like tumor-associated macrophages sensitizes chemotherapy in triple-negative breast cancer. Cellular oncology (Dordrecht, Netherlands), 49(2).

Li Y, et al. (2026) The tumor promoter role and molecular mechanism of C8orf76/CALB2 axis in clear cell renal cell carcinoma. iScience, 29(5), 115533.

Chen H, et al. (2025) Impaired macroautophagy in oligodendrocyte precursor cells suppresses neuronal plasticity via a senescence-associated signaling. Science advances, 11(39), eadq7665.

Schaeffer SM, et al. (2025) Hypertension-induced neurovascular and cognitive dysfunction at single-cell resolution. Neuron.

Li Y, et al. (2025) Nrf2/Nlrp3 signaling in aging BMSCs: Traf6 intervention as a novel approach to osteoporosis treatment. Redox biology, 86, 103804.

Xia M, et al. (2025) Single-nucleus profiling of mouse inner ear aging uncovers cell type heterogeneity and hair cell subtype-specific age-related signatures. Cell reports, 44(6), 115781.

Wei SJ, et al. (2025) Divergent sex-specific effects on a ketogenic diet: Male, but not female, mice exhibit oxidative stress and cellular senescence. Cell reports, 44(8), 116026.

Wang F, et al. (2025) An age-related decrease in leptin contributes to CD8+ T cell aging in the tumor microenvironment. Cell reports. Medicine, 6(9), 102310.

Schirripa A, et al. (2025) Cdk6's functions are critically regulated by its unique C-terminus. iScience, 28(2), 111697.

Jiao Y, et al. (2025) Nucleolar stress facilitates islet β cell senescence via hijacking the DNA damage response pathways. *iScience*, 28(10), 113508.

Lai P, et al. (2025) Mitochondrial DNA released by senescent tumor cells enhances PMN-MDSC-driven immunosuppression through the cGAS-STING pathway. *Immunity*, 58(4), 811.

Zhou Z, et al. (2024) Type 2 cytokine signaling in macrophages protects from cellular senescence and organismal aging. *Immunity*, 57(3), 513.

Wang B, et al. (2024) Intermittent clearance of p21-highly-expressing cells extends lifespan and confers sustained benefits to health and physical function. *Cell metabolism*, 36(8), 1795.

Shim HS, et al. (2024) TERT activation targets DNA methylation and multiple aging hallmarks. *Cell*, 187(15), 4030.

Kaur J, et al. (2024) Single-Cell Transcriptomic Analysis Identifies Senescent Osteocytes That Trigger Bone Destruction in Breast Cancer Metastasis. *Cancer research*, 84(23), 3936.

Calì B, et al. (2024) Coagulation factor X promotes resistance to androgen-deprivation therapy in prostate cancer. *Cancer cell*, 42(10), 1676.

Xu Y, et al. (2024) Autophagy regulates age-related delayed jawbone regeneration and decreased osteoblast osteogenesis by degrading FABP3. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 38(14), e23824.

Papismadov N, et al. (2024) p21 regulates expression of ECM components and promotes pulmonary fibrosis via CDK4 and Rb. *The EMBO journal*, 43(22), 5360.

Bancaro N, et al. (2023) Apolipoprotein E induces pathogenic senescent-like myeloid cells in prostate cancer. *Cancer cell*, 41(3), 602.