

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

p21 antibody [EPR3993]

RRID:AB_10861551

Type: Antibody

Proper Citation

Abcam Cat# ab109199, RRID:AB_10861551

Antibody Information

URL: http://antibodyregistry.org/AB_10861551

Proper Citation: Abcam Cat# ab109199, RRID:AB_10861551

Target Antigen: p21 antibody [EPR3993]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:
Western Blot; Immunohistochemistry - fixed; Immunoprecipitation; Immunohistochemistry;
IHC-P, IP, WB

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

Antibody Name: p21 antibody [EPR3993]

Description: This monoclonal targets p21 antibody [EPR3993]

Target Organism: rat, human

Antibody ID: AB_10861551

Vendor: Abcam

Catalog Number: ab109199

Record Creation Time: 20231110T064120+0000

Record Last Update: 20260829T023925+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, 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 p21 antibody [EPR3993].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Descampe L, et al. (2026) Intrinsic mechanisms and microenvironmental cues fine-tune plasticity of esophageal progenitors. Nature communications, 17(1).

Kim W, et al. (2026) Phospho-JNK agonists show promising effects for the treatment of hepatocellular carcinoma. iScience, 29(6), 116005.

Li X, et al. (2026) Atg5 deficiency alters myofibroblast accumulation and alveolar regeneration in lung fibrosis. Stem cell reports, 21(7), 102979.

Sun ?? Y, et al. (2026) Environmental ciprofloxacin triggers pregnancy loss: senescence-driven miscarriage via TRIM21-mediated MFF degradation. EBioMedicine, 125, 106146.

Pan J, et al. (2026) A senescent tumor cell-derived nanovesicle directly primes splenic T cells to potentiate cancer radiotherapy. Cell reports. Medicine, 7(4), 102709.

Hara D, et al. (2025) Targeting MLL1/WDR5-Mediated Epigenetic Regulation Mitigates Peritoneal Fibrosis by Reducing p16INK4a. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(8), e70543.

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

Huang Z, et al. (2025) Platelet-rich plasma alleviates skin photoaging by activating autophagy and inhibiting inflammasome formation. Naunyn-Schmiedeberg's archives of pharmacology, 398(7), 8669.

Sanhueza-Olivares F, et al. (2025) Vascular remodelling in a mouse model of heart failure with preserved ejection fraction. The Journal of physiology.

Chen Y, et al. (2025) Impacts of Nutlin-3a and exercise on murine double minute 2-enriched glioma treatment. *Neural regeneration research*, 20(4), 1135.

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

Carling GK, et al. (2024) Alzheimer's disease-linked risk alleles elevate microglial cGAS-associated senescence and neurodegeneration in a tauopathy model. *Neuron*, 112(23), 3877.

He Y, et al. (2024) Targeting ATAD3A Phosphorylation Mediated by TBK1 Ameliorates Senescence-Associated Pathologies. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e2404109.

Carling GK, et al. (2024) Alzheimer's disease-linked risk alleles elevate microglial cGAS-associated senescence and neurodegeneration in a tauopathy model. *bioRxiv : the preprint server for biology*.

Liu D, et al. (2023) Identification of transcriptome characteristics of granulosa cells and the possible role of UBE2C in the pathogenesis of premature ovarian insufficiency. *Journal of ovarian research*, 16(1), 203.

Liu N, et al. (2023) Histone H3 lysine 27 crotonylation mediates gene transcriptional repression in chromatin. *Molecular cell*, 83(13), 2206.

Yamamoto-Imoto H, et al. (2022) Measurement of autophagy via LC3 western blotting following DNA-damage-induced senescence. *STAR protocols*, 3(3), 101539.

Lanz MC, et al. (2022) Increasing cell size remodels the proteome and promotes senescence. *Molecular cell*, 82(17), 3255.

Yamamoto-Imoto H, et al. (2022) Age-associated decline of MondoA drives cellular senescence through impaired autophagy and mitochondrial homeostasis. *Cell reports*, 38(9), 110444.

Srivastava RK, et al. (2021) 5'-Cap-Dependent Translation as a Potent Therapeutic Target for Lethal Human Squamous Cell Carcinoma. *The Journal of investigative dermatology*, 141(4), 742.