

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

p21 Waf1/Cip1 (12D1) Rabbit monoclonal antibody

RRID:AB_823586

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2947, RRID:AB_823586

Antibody Information

URL: http://antibodyregistry.org/AB_823586

Proper Citation: Cell Signaling Technology Cat# 2947, RRID:AB_823586

Target Antigen: p21 Waf1/Cip1

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F.
Consolidation: AB_10829764.

Antibody Name: p21 Waf1/Cip1 (12D1) Rabbit monoclonal antibody

Description: This recombinant monoclonal targets p21 Waf1/Cip1

Target Organism: monkey, human

Clone ID: 12D1

Defining Citation: [PMID:28723554](#)

Antibody ID: AB_823586

Vendor: Cell Signaling Technology

Catalog Number: 2947

Alternative Catalog Numbers: 2947S, 2947P

Record Creation Time: 20250819T220152+0000

Record Last Update: 20250820T005310+0000

Ratings and Alerts

No rating or validation information has been found for p21 Waf1/Cip1 (12D1) Rabbit monoclonal antibody.

No alerts have been found for p21 Waf1/Cip1 (12D1) Rabbit monoclonal antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 270 mentions in open access literature.

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

Prasad M, et al. (2026) Genomic Enrichment and Functional Impact of TP53 and CYLD Alterations in Recurrent and Metastatic HPV-Associated Head and Neck Cancer. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1809.

Chanvillard L, et al. (2026) NNMT inhibition counteracts tubular senescence and fibrosis in early stages of chronic kidney disease. Cell reports, 45(1), 116823.

Gu L, et al. (2026) SGLT2 Inhibition Attenuates Renal Tubular Senescence by Suppressing CTRP1-Mediated Glucotoxic Stress in Diabetic Kidney Disease. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(14), e72142.

Saurat N, et al. (2026) Genome-wide CRISPR screen identifies neddylation as a regulator of neuronal aging and AD neurodegeneration. Cell stem cell, 33(2), 355.

Srour S, et al. (2026) Typhoid toxin of Salmonella Typhi elicits host antimicrobial response during acute typhoid fever. EMBO molecular medicine, 18(1), 187.

Rodríguez-Candela Mateos M, et al. (2026) Nanoencapsulated senotherapeutic compounds targeting connexin-43 for enhanced wound healing. iScience, 29(2), 114547.

Fujiyama H, et al. (2026) Diamond-Blackfan anemia gene product RPS19 counteracts SET to maintain p53 transcriptional activity and tumor suppressor function. Cell reports, 45(5), 117333.

Izzo LT, et al. (2026) KLF4 Promotes a KRT13+ Hillock-Like State in Lung Squamous Cell Carcinoma. Cancer research.

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.

Li X, et al. (2026) EYA4 promotes cellular senescence by enhancing P21 transcription through interaction with SIX2. *Advanced biotechnology*, 4(2).

Contreras PS, et al. (2026) Differential contribution of TFE3 isoforms to cell motility and invasion. *EMBO reports*, 27(2), 471.

Nishinaka T, et al. (2026) IL-4/IL-13 signaling suppresses ABT-263-induced apoptosis in senescent human fibroblasts. *International immunopharmacology*, 184, 116939.

Young TM, et al. (2026) CF10 Displays Improved Synergy with Oxaliplatin in TP53-Null and Wild-Type CRC Cells from Increased Top1cc and Replication Stress. *Cancers*, 18(5).

Ferrick KR, et al. (2026) Transient proliferation by reversible YAP and mitogen control of the cyclin D1/p27 ratio. *Communications biology*, 9(1).

Zhou B, et al. (2026) Functional characterization of CASP, a CUX1 isoform, reveals its tumor-promoting role in colorectal cancer via TRIM21-mediated signaling. *iScience*, 29(2), 114783.

Vaubel RA, et al. (2026) Pharmacokinetic-pharmacodynamic-efficacy modeling of the MDM2 inhibitor brigimadlin in glioblastoma patient-derived xenografts. *Neuro-oncology advances*, 8(1), vda259.

Lu X, et al. (2026) Proteasome activity maintains cell-type-specific gene expression. *Cell reports*, 45(2), 116973.

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

Sohn J, et al. (2026) Phenylalanyl-tRNA synthetase FARS-1/FARSA balances longevity and immunity by downregulating endogenous mitochondrial double-stranded RNAs. *Molecular cell*, 86(12), 2373.

Garcia C, et al. (2026) FATP2-mediated lipid metabolism enhances chimeric antigen receptor T-cell therapy resistance in B-cell acute lymphoblastic leukemia. *Leukemia*, 40(8), 1763.