

Resource Summary Report

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

Anti-NRF2 (D1Z9C) XP Rabbit monoclonal Antibody

RRID:AB_2715528

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 12721, RRID:AB_2715528

Antibody Information

URL: http://antibodyregistry.org/AB_2715528

Proper Citation: Cell Signaling Technology Cat# 12721, RRID:AB_2715528

Target Antigen: NRF2

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, F, ChIP, ChIP-seq

Antibody Name: Anti-NRF2 (D1Z9C) XP Rabbit monoclonal Antibody

Description: This monoclonal targets NRF2

Target Organism: Human, Monkey, Mouse

Clone ID: D1Z9C

Antibody ID: AB_2715528

Vendor: Cell Signaling Technology

Catalog Number: 12721

Alternative Catalog Numbers: 12721T, 12721S

Record Creation Time: 20250820T041127+0000

Record Last Update: 20250820T181807+0000

Ratings and Alerts

No rating or validation information has been found for Anti-NRF2 (D1Z9C) XP Rabbit monoclonal Antibody.

No alerts have been found for Anti-NRF2 (D1Z9C) XP Rabbit monoclonal Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 102 mentions in open access literature.

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

Zhang Y, et al. (2026) Mechanism by which hydrogen-rich water mitigates exercise-induced fatigue: activation of the immunoresponsive gene 1-itaconate/nuclear factor erythroid 2-related factor 2/heme oxygenase-1 pathway. Medical gas research, 16(1), 26.

Lv Y, et al. (2026) Quercetin alleviates postmenopausal atherosclerosis by suppressing endothelial cell ferroptosis via regulating the KEAP1/NRF2/GPX4 signalling pathway. British journal of pharmacology, 183(3), 620.

Han P, et al. (2025) Quercetin-derived microbial metabolite DOPAC potentiates CD8+ T cell anti-tumor immunity via NRF2-mediated mitophagy. Cell metabolism, 37(12), 2438.

Lei G, et al. (2025) Radiotherapy promotes cuproptosis and synergizes with cuproptosis inducers to overcome tumor radioresistance. Cancer cell, 43(6), 1076.

Wen H, et al. (2025) NRF2 activation in cancer cells suppresses immune infiltration into the tumor microenvironment. iScience, 28(10), 113519.

Paduch R, et al. (2025) Pharmacological and toxicological profiling of JAMC-4/108: targeted induction of apoptosis in human colorectal cancer cells. The Journal of pharmacology and experimental therapeutics, 392(11), 103727.

Ingersoll AJ, et al. (2025) Dynamic regulation of the oxidative stress response by the E3 ligase TRIP12. Cell reports, 44(9), 116262.

Joseph S, et al. (2025) MAPK14/p38 γ shapes the molecular landscape of endometrial cancer and promotes tumorigenic characteristics. Cell reports, 44(1), 115104.

Fan Y, et al. (2025) Itaconate transporter SLC13A3 confers immunotherapy resistance via alkylation-mediated stabilization of PD-L1. Cell metabolism, 37(2), 514.

Jeong YH, et al. (2025) Spirodelae Herba ethanol extract attenuates neurotoxicity in hippocampal cells and improves scopolamine-induced cognitive impairment in mice. Frontiers in pharmacology, 16, 1638068.

Valente D, et al. (2025) Distinct microRNA signatures define sporadic PSP-RS and PD in patient-derived midbrain organoids. *iScience*, 28(8), 113162.

Bischoff ME, et al. (2025) Copper Drives Remodeling of Metabolic State and Progression of Clear Cell Renal Cell Carcinoma. *Cancer discovery*, 15(2), 401.

Kosz?a O, et al. (2025) Biotransformation of *Ganoderma lucidum* and *Hericium erinaceus* for ex vivo gut-brain axis modulation and mood-related outcomes in humans: CREB/BDNF signaling and microbiota-driven synergies. *Journal of ethnopharmacology*, 342, 119393.

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

Prevost CT, et al. (2025) NRF2 regulates lipid droplet dynamics to prevent lipotoxicity. *iScience*, 28(7), 112925.

Weissenrieder JS, et al. (2025) Mitochondrial Ca²⁺ controls pancreatic cancer growth and metastasis by regulating epithelial cell plasticity. *Cell reports*, 44(5), 115627.

Chen H, et al. (2025) Inflammatory targeted nanoplatform incorporated with antioxidative nano iron oxide to attenuate ulcerative colitis progression. *iScience*, 28(5), 112448.

Tripathi A, et al. (2025) Nrf2 drives activation-driven expansion of CD4⁺T cells by modulating glucose and glutamine metabolism. *Cell reports*, 44(9), 116177.

Chen C, et al. (2024) ABCG2 is an itaconate exporter that limits antibacterial innate immunity by alleviating TFEB-dependent lysosomal biogenesis. *Cell metabolism*, 36(3), 498.

Lin H, et al. (2024) Itaconate transporter SLC13A3 impairs tumor immunity via endowing ferroptosis resistance. *Cancer cell*, 42(12), 2032.