

Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

PERK (D11A8) Rabbit mAb

RRID:AB_10841299

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5683, RRID:AB_10841299

Antibody Information

URL: http://antibodyregistry.org/AB_10841299

Proper Citation: Cell Signaling Technology Cat# 5683, RRID:AB_10841299

Target Antigen: PERK (D11A8) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P. Consolidation on 10/2018: AB_10831515, AB_10841299.

Antibody Name: PERK (D11A8) Rabbit mAb

Description: This monoclonal targets PERK (D11A8) Rabbit mAb

Target Organism: human

Antibody ID: AB_10841299

Vendor: Cell Signaling Technology

Catalog Number: 5683

Record Creation Time: 20250819T232226+0000

Record Last Update: 20250820T050841+0000

Ratings and Alerts

No rating or validation information has been found for PERK (D11A8) Rabbit mAb.

No alerts have been found for PERK (D11A8) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Liu J, et al. (2026) Overcoming ADC resistance in advanced colorectal cancer by dual targeting of TROP2 and PERK to suppress Wnt/ β -catenin signaling. Cell reports. Medicine, 7(5), 102769.

Tao Y, et al. (2026) TENT5A Maintains MYC mRNA Stability to Enhance Osteosarcoma Stemness. Cancer research, 86(9), 2161.

Wang H, et al. (2026) Targeting TMED4 enhances CD8⁺ T cell function and CAR T cell efficacy in solid tumors through the IRE1 β -autophagy axis. Science advances, 12(24), eade0517.

Lane AR, et al. (2026) Distinct signaling mechanisms and proteome phenotypes are elicited by compartment-specific genetic defects of copper homeostasis. bioRxiv : the preprint server for biology.

Wu H, et al. (2026) Triglycerides induce endoplasmic reticulum lipid bilayer stress to activate PERK and enhance antifungal immunity. Cell reports, 45(2), 116976.

Chen S, et al. (2026) R-Propranolol Promotes the Adipogenesis and Subsequent Apoptosis of Hemangioma Stem Cells through the Protein Kinase RNA-Like Endoplasmic Reticulum Kinase Signaling Pathway. The American journal of pathology, 196(6), 1389.

Chen K, et al. (2025) Selective removal of astrocytic PERK protects against glymphatic impairment and decreases toxic aggregation of β -amyloid and tau. Neuron, 113(15), 2438.

Wang X, et al. (2025) Inhibition of Histone Deacetylases Induces Cancer Cell Apoptosis Through the PERK Pathway of ER Stress Response. Journal of cellular and molecular medicine, 29(21), e70928.

Gui L, et al. (2025) Targeting the mevalonate pathway potentiates NUA1 inhibition-induced immunogenic cell death and antitumor immunity. Cell reports. Medicine, 6(2), 101913.

Lane AR, et al. (2025) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. Molecular biology of the cell, 36(3), ar33.

Sánchez-Álvarez M, et al. (2025) PERK-dependent reciprocal crosstalk between ER and non-centrosomal microtubules coordinates ER architecture and cell shape. Cell reports, 44(5), 115590.

Badja C, et al. (2024) Insights from multi-omic modeling of neurodegeneration in xeroderma pigmentosum using an induced pluripotent stem cell system. *Cell reports*, 43(6), 114243.

Hetzer S, et al. (2024) Targeting eIF2 γ in TBI-induced traumatic optic neuropathy: Effects of Salubrinal and the Integrated Stress Response Inhibitor. *bioRxiv : the preprint server for biology*.

Fashemi BE, et al. (2024) IFRD1 is required for maintenance of bladder epithelial homeostasis. *iScience*, 27(12), 111282.

Qian Q, et al. (2024) Obesity disrupts the pituitary-hepatic UPR communication leading to NAFLD progression. *Cell metabolism*, 36(7), 1550.

Cao T, et al. (2024) Cancer SLC6A6-mediated taurine uptake transactivates immune checkpoint genes and induces exhaustion in CD8⁺ T cells. *Cell*, 187(9), 2288.

Shi W, et al. (2024) The HRD1-SEL1L ubiquitin ligase regulates stress granule homeostasis in couple with distinctive signaling branches of ER stress. *iScience*, 27(7), 110196.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. *bioRxiv : the preprint server for biology*.

Torrens JN, et al. (2023) Brief Oxygen Exposure after Traumatic Brain Injury Hastens Recovery and Promotes Adaptive Chronic Endoplasmic Reticulum Stress Responses. *International journal of molecular sciences*, 24(12).

Vidak S, et al. (2023) Activation of endoplasmic reticulum stress in premature aging via the inner nuclear membrane protein SUN2. *Cell reports*, 42(5), 112534.