

# Resource Summary Report

Generated by [dkNET](#) on Jul 30, 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](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:** 20250820T050906+0000

**Record Last Update:** 20250820T205603+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 31 mentions in open access literature.

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

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

Gui L, et al. (2025) Targeting the mevalonate pathway potentiates NUAK1 inhibition-induced immunogenic cell death and antitumor immunity. *Cell reports. Medicine*, 6(2), 101913.

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.

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 $\gamma$  in TBI-induced traumatic optic neuropathy: Effects of Salubrinal and the Integrated Stress Response Inhibitor. *bioRxiv : the preprint server for biology*.

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

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

Cao T, et al. (2024) Cancer SLC6A6-mediated taurine uptake transactivates immune checkpoint genes and induces exhaustion in CD8<sup>+</sup> 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).

Li C, et al. (2023) Berberine Ameliorates Obesity by Inducing GDF15 Secretion by Brown Adipocytes. *Endocrinology*, 164(4).

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.

Wang Y, et al. (2022) TXNIP Links Anticipatory Unfolded Protein Response to Estrogen Reprogramming Glucose Metabolism in Breast Cancer Cells. *Endocrinology*, 163(1).

Hromas R, et al. (2022) BRCA1 mediates protein homeostasis through the ubiquitination of PERK and IRE1. *iScience*, 25(12), 105626.

Jiang N, et al. (2022) TIMP2 mediates endoplasmic reticulum stress contributing to sepsis-induced acute kidney injury. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 36(4), e22228.

Ferguson ID, et al. (2022) Allosteric HSP70 inhibitors perturb mitochondrial proteostasis and overcome proteasome inhibitor resistance in multiple myeloma. *Cell chemical biology*, 29(8), 1288.

Pillai S, et al. (2022) Lipogenesis mediated by OGR1 regulates metabolic adaptation to acid stress in cancer cells via autophagy. *Cell reports*, 39(6), 110796.