

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

PERK (C33E10) Rabbit mAb

RRID:AB_2095847

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3192, RRID:AB_2095847

Antibody Information

URL: http://antibodyregistry.org/AB_2095847

Proper Citation: Cell Signaling Technology Cat# 3192, RRID:AB_2095847

Target Antigen: PERK

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB

Antibody Name: PERK (C33E10) Rabbit mAb

Description: This recombinant monoclonal targets PERK

Target Organism: monkey, rat, mouse, human

Clone ID: C33E10

Antibody ID: AB_2095847

Vendor: Cell Signaling Technology

Catalog Number: 3192

Alternative Catalog Numbers: 3192S

Record Creation Time: 20250820T050410+0000

Record Last Update: 20250820T204156+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Raghavendra Mirmira](#), [Sarah Tersey](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for PERK (C33E10) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 111 mentions in open access literature.

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

Wang HL, et al. (2026) Loss-of-Function (G603R) Lrp10 Fails to Downregulate mRNA of Pathologic α -Synuclein and Causes Neurodegeneration of Substantia Nigra Dopaminergic Cells in Parkinson's Disease Knockin Mice. *Neurochemical research*, 51(3).

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. *Cell metabolism*.

Onimus A, et al. (2026) Taxane chemotherapy promotes response to TIM-3 checkpoint blockade via STING-mediated ER stress and HMGB1 secretion. *Cell reports. Medicine*, 7(5), 102788.

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. *Neural regeneration research*, 21(4), 1574.

Fu Y, et al. (2026) ALG6 orchestrates coronavirus replication via the endoplasmic reticulum stress-autophagy axis. *Cell reports*, 45(4), 117108.

Gu Z, et al. (2026) Wntless degradation mediated by CaMKII inhibition drives endoplasmic reticulum stress and apoptosis. *Cell reports*, 45(4), 117256.

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. *Molecular cell*, 86(5), 917.

Liao Y, et al. (2026) Neuroserpin alleviates cerebral ischemia-reperfusion injury by suppressing ischemia-induced endoplasmic reticulum stress. *Neural regeneration research*, 21(1), 333.

He Y, et al. (2026) Rational discovery of therapeutic PAK1 allosteric activators. *Cell*, 189(11), 3444.

Bhattacharya A, et al. (2026) Exosomal misfolded α 1-antitrypsin triggers a cytosolic GRP78-dependent unfolded protein response and pro-survival signaling in pre-metastatic tissues. *The Journal of biological chemistry*, 302(8), 113282.

Cui F, et al. (2025) Maternal phthalates exposure promotes neural stem cell differentiation into phagocytic astrocytes and synapse engulfment via IRE1 α /XBP1s pathway. *Cell reports*, 44(1), 115126.

Wang X, et al. (2025) Aberrant phase separation drives membranous organelle remodeling and tumorigenesis. *Molecular cell*, 85(9), 1852.

Gizaw NY, et al. (2025) Inhibiting cholesterol synthesis halts rhabdomyosarcoma growth via ER stress and cell cycle arrest. *EMBO molecular medicine*, 17(12), 3586.

Wu CY, et al. (2025) Glucose restriction shapes pre-metastatic innate immune landscapes in the lung through exosomal TRAIL. *Cell*.

Huang Y, et al. (2025) Cdk5rap3-mediated regulation of lysosomal and ER membrane proteins is pivotal for the survival and function of pancreatic acinar cells. *American journal of physiology. Cell physiology*, 329(2), C513.

Hu Q, et al. (2025) circATF6 triggers calcium overload to synergize with EGFR-TKI in non-small cell lung cancer via modulation of proteostasis. *Cell reports*, 44(12), 116659.

Bond Newton SE, et al. (2025) ER stress tolerance is regulated by copper-dependent PERK kinase activity. *Cell reports*, 44(10), 116318.

Di R, et al. (2025) A mechano-resistance mechanism in skin adapts to terrestrial locomotion. *Cell*.

Guo Z, et al. (2025) Inhibition of IRE1 α Alleviates Renal Fibrosis and Downregulates M1 Macrophage Activation via the p38 MAPK Pathway. *Immunology*, 176(1), 59.

Zheng J, et al. (2025) Endoplasmic reticulum stress and autophagy in cerebral ischemia/reperfusion injury: PERK as a potential target for intervention. *Neural regeneration research*, 20(5), 1455.