

Resource Summary Report

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IRE1? (14C10) Rabbit mAb

RRID:AB_823545

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3294, RRID:AB_823545)

Antibody Information

URL: http://antibodyregistry.org/AB_823545

Proper Citation: (Cell Signaling Technology Cat# 3294, RRID:AB_823545)

Target Antigen: IRE1-alpha

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W, IP.
Consolidation on 7/2016: AB_10830732.

Antibody Name: IRE1? (14C10) Rabbit mAb

Description: This recombinant monoclonal targets IRE1-alpha

Target Organism: rat, mouse, human

Clone ID: Clone 14C10

Antibody ID: AB_823545

Vendor: Cell Signaling Technology

Catalog Number: 3294

Alternative Catalog Numbers: 3294P, 3294S

Record Creation Time: 20231110T043212+0000

Ratings and Alerts

No rating or validation information has been found for IRE1? (14C10) Rabbit mAb.

No alerts have been found for IRE1? (14C10) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 95 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Marques M, et al. (2024) Influenza A virus propagation requires the activation of the unfolded protein response and the accumulation of insoluble protein aggregates. *iScience*, 27(3), 109100.

Brown RDR, et al. (2024) Overexpression of ORMDL3 confers sexual dimorphism in diet-induced non-alcoholic steatohepatitis. *Molecular metabolism*, 79, 101851.

Shang B, et al. (2024) Combination therapy enhances efficacy and overcomes toxicity of metal-based anti-diabetic agent. *British journal of pharmacology*, 181(21), 4214.

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

Vanhoutte D, et al. (2024) Thbs1 regulates skeletal muscle mass in a TGF β -Smad2/3-ATF4-dependent manner. *Cell reports*, 43(5), 114149.

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.

Sasaki I, et al. (2024) A stress sensor, IRE1?, is required for bacterial-exotoxin-induced interleukin-1? production in tissue-resident macrophages. *Cell reports*, 43(4), 113981.

Andres M, et al. (2024) Insulin-degrading enzyme inhibition increases the unfolded protein response and favours lipid accumulation in the liver. *British journal of pharmacology*, 181(19), 3610.

Luo JH, et al. (2024) PDIA3 defines a novel subset of adipose macrophages to exacerbate the development of obesity and metabolic disorders. *Cell metabolism*, 36(10), 2262.

Shaiken TE, et al. (2023) Transcriptome, proteome, and protein synthesis within the intracellular cytomatrix. *iScience*, 26(2), 105965.

Li T, et al. (2023) VMP1 affects endoplasmic reticulum stress sensitivity via differential modulation of the three unfolded protein response arms. *Cell reports*, 42(3), 112209.

Zhang W, et al. (2023) HRS mediates tumor immune evasion by regulating proteostasis-associated interferon pathway activation. *Cell reports*, 42(11), 113352.

Kovaleva V, et al. (2023) MANF regulates neuronal survival and UPR through its ER-located receptor IRE1?. *Cell reports*, 42(2), 112066.

Choi WH, et al. (2023) ECPAS/Ecm29-mediated 26S proteasome disassembly is an adaptive response to glucose starvation. *Cell reports*, 42(7), 112701.

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

Uzay B, et al. (2023) Neurotransmitter release progressively desynchronizes in induced human neurons during synapse maturation and aging. *Cell reports*, 42(2), 112042.

Duan J, et al. (2023) Endoplasmic reticulum stress in the intestinal epithelium initiates purine metabolite synthesis and promotes Th17 cell differentiation in the gut. *Immunity*, 56(5), 1115.

Sahana TG, et al. (2023) c-Jun N-Terminal Kinase Promotes Stress Granule Assembly and Neurodegeneration in C9orf72-Mediated ALS and FTD. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(17), 3186.

Liu L, et al. (2023) Ablation of ERO1A induces lethal endoplasmic reticulum stress responses and immunogenic cell death to activate anti-tumor immunity. *Cell reports. Medicine*, 4(10), 101206.

Prasad V, et al. (2023) Enhanced SARS-CoV-2 entry via UPR-dependent AMPK-related kinase NUA2. *Molecular cell*, 83(14), 2559.