

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

eIF2 (L57A5) Mouse mAb

RRID:AB_836874

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2103, RRID:AB_836874

Antibody Information

URL: http://antibodyregistry.org/AB_836874

Proper Citation: Cell Signaling Technology Cat# 2103, RRID:AB_836874

Target Antigen: eIF2 (L57A5) Mouse mAb

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P

Antibody Name: eIF2 (L57A5) Mouse mAb

Description: This monoclonal targets eIF2 (L57A5) Mouse mAb

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_836874

Vendor: Cell Signaling Technology

Catalog Number: 2103

Record Creation Time: 20250820T013350+0000

Record Last Update: 20250820T111549+0000

Ratings and Alerts

No rating or validation information has been found for eIF2 (L57A5) Mouse mAb.

No alerts have been found for eIF2 (L57A5) Mouse 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 [RRID](#) .

Flury A, et al. (2025) A neurodegenerative cellular stress response linked to dark microglia and toxic lipid secretion. *Neuron*, 113(4), 554.

McFadden MJ, et al. (2025) IRE1 γ promotes phagosomal calcium flux to enhance macrophage fungicidal activity. *Cell reports*, 44(5), 115694.

Lim TKY, et al. (2025) Cap-independent co-expression of dsRNA-sensing and NF- κ B pathway inhibitors enables controllable self-amplifying RNA expression with reduced immunotoxicity. *eLife*, 14.

Liu Y, et al. (2025) Mechanism by which the molecular glue-like verteporfin induces IRE1 γ dimerization and activation to synergize with AKT inhibition in breast cancer. *Cell chemical biology*, 32(6), 854.

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

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

Ľunátová K, et al. (2024) Mitochondrial translation is the primary determinant of secondary mitochondrial complex I deficiencies. *iScience*, 27(8), 110560.

Nelson AT, et al. (2024) Glucose hypometabolism prompts RAN translation and exacerbates C9orf72-related ALS/FTD phenotypes. *EMBO reports*, 25(5), 2479.

Wu J, et al. (2023) FAM210A Regulates Mitochondrial Translation and Maintains Cardiac Mitochondrial Homeostasis. *bioRxiv* : the preprint server for biology.

Monnerie H, et al. (2023) Inhibition of lipid synthesis by the HIV integrase strand transfer inhibitor elvitegravir in primary rat oligodendrocyte cultures. *Frontiers in molecular neuroscience*, 16, 1323431.

Harris MT, et al. (2023) The intrinsically disordered region of eIF5B stimulates IRES usage and nucleates biological granule formation. *Cell reports*, 42(10), 113283.

Nofal M, et al. (2022) GCN2 adapts protein synthesis to scavenging-dependent growth. *Cell systems*, 13(2), 158.

Schieweck R, et al. (2021) Pumilio2 and Staufien2 selectively balance the synaptic proteome. *Cell reports*, 35(12), 109279.

Gindina S, et al. (2021) Upregulation of eIF4E, but not other translation initiation factors, in dendritic spines during memory formation. *The Journal of comparative neurology*, 529(11), 3112.

Shenkman M, et al. (2021) Pridopidine reduces mutant huntingtin-induced endoplasmic reticulum stress by modulation of the Sigma-1 receptor. *Journal of neurochemistry*, 158(2), 467.

Whiteaker JR, et al. (2021) Targeted mass spectrometry-based assays enable multiplex quantification of receptor tyrosine kinase, MAP Kinase, and AKT signaling. *Cell reports methods*, 1(3).

Pitera AP, et al. (2021) Molecular Investigation of the Unfolded Protein Response in Select Human Tauopathies. *Journal of Alzheimer's disease reports*, 5(1), 855.

Roth LM, et al. (2021) Differential effects of integrase strand transfer inhibitors, elvitegravir and raltegravir, on oligodendrocyte maturation: A role for the integrated stress response. *Glia*, 69(2), 362.

Banh RS, et al. (2020) Neurons Release Serine to Support mRNA Translation in Pancreatic Cancer. *Cell*, 183(5), 1202.

Jin S, et al. (2020) 5-Azacididine Induces NOXA to Prime AML Cells for Venetoclax-Mediated Apoptosis. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 26(13), 3371.