

Resource Summary Report

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

Mouse Anti-eIF2-alpha Monoclonal Antibody, Unconjugated, Clone L57A5

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-alpha

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P

Antibody Name: Mouse Anti-eIF2-alpha Monoclonal Antibody, Unconjugated, Clone L57A5

Description: This monoclonal targets eIF2-alpha

Target Organism: monkey, rat, simian, mouse, human

Clone ID: Clone L57A5

Antibody ID: AB_836874

Vendor: Cell Signaling Technology

Catalog Number: 2103

Record Creation Time: 20250820T052824+0000

Record Last Update: 20250820T213857+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-eIF2-alpha Monoclonal Antibody, Unconjugated, Clone L57A5.

No alerts have been found for Mouse Anti-eIF2-alpha Monoclonal Antibody, Unconjugated, Clone L57A5.

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.

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

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.

Šunátová 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 Staufen2 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.

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.

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).

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.

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.

Jin S, et al. (2020) 5-Azacitidine 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.

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