Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

HSP70/HSP72, mAb (C92F3A-5)

RRID:AB_10616513
Type: Antibody

Proper Citation

(Enzo Life Sciences Cat# ADI-SPA-810, RRID:AB_10616513)

Antibody Information

URL: http://antibodyregistry.org/AB_10616513

Proper Citation: (Enzo Life Sciences Cat# ADI-SPA-810, RRID:AB_10616513)

Target Antigen: HSP70/HSP72 mAb (C92F3A-5)

Host Organism: mouse

Clonality: monoclonal

Comments: manufacturer recommendations: IgG1 Immunohistochemistry; Western Blot; ELISA; Electron Microscopy
EIA
Flow Cytometry
Immunocytochemistry
Immunohistochemistry (1:50)
Immunoprecipitation
Western Blot (1:1000, colorimetric)
Optimal conditions must be determined individually for each application.

Antibody Name: HSP70/HSP72, mAb (C92F3A-5)

Description: This monoclonal targets HSP70/HSP72 mAb (C92F3A-5)

Target Organism: guinea pig, chicken, monkey, works, c. elegans/worm, and xenopus ( ). detects a band of ~70kda by western blot, chicken/bird, pig, avian, mouse, non-human primate, drosophila/arthropod, rabbit, beluga, human, sheep, rat, hamster, xenopus, porcine, canine, teal, c. elegans, zebrafish/fish, drosophila, gerbil, fish, other mammalian, bovine, dog

Antibody ID: AB_10616513

Vendor: Enzo Life Sciences

Catalog Number: ADI-SPA-810

Record Creation Time: 20231110T071134+0000

Record Last Update: 20241115T061408+0000

Ratings and Alerts

No rating or validation information has been found for HSP70/HSP72, mAb (C92F3A-5).

No alerts have been found for HSP70/HSP72, mAb (C92F3A-5).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

McNutt SW, et al. (2024) Phosphorylation-Driven Epichaperome Assembly: A Critical Regulator of Cellular Adaptability and Proliferation. Research square.

Evangelista BA, et al. (2023) Tandem detergent-extraction and immunoprecipitation of proteinopathy: Scalable enrichment of ALS-associated TDP-43 aggregates. iScience, 26(5), 106645.

Szewczyk B, et al. (2023) FUS ALS neurons activate major stress pathways and reduce translation as an early protective mechanism against neurodegeneration. Cell reports, 42(2), 112025.

Chao CM, et al. (2023) Myocardial structure and functional alterations in a preclinical model of exertional heat stroke. Life sciences, 323, 121640.

Rodina A, et al. (2023) Systems-level analyses of protein-protein interaction network dysfunctions via epichaperomics identify cancer-specific mechanisms of stress adaptation. Nature communications, 14(1), 3742.

Balaji V, et al. (2022) A dimer-monomer switch controls CHIP-dependent substrate ubiquitylation and processing. Molecular cell, 82(17), 3239.

Joshi S, et al. (2021) Pharmacologically controlling protein-protein interactions through epichaperomes for therapeutic vulnerability in cancer. Communications biology, 4(1), 1333.

Vydra N, et al. (2021) Heat shock factor 1 (HSF1) cooperates with estrogen receptor ? (ER?) in the regulation of estrogen action in breast cancer cells. eLife, 10.

Sivák L, et al. (2021) Polymer-ritonavir derivate nanomedicine with pH-sensitive activation possesses potent anti-tumor activity in vivo via inhibition of proteasome and STAT3 signaling. Journal of controlled release : official journal of the Controlled Release Society, 332, 563.

Bolaender A, et al. (2021) Chemical tools for epichaperome-mediated interactome dysfunctions of the central nervous system. Nature communications, 12(1), 4669.

Joutsen J, et al. (2020) Heat Shock Factor 2 Protects against Proteotoxicity by Maintaining Cell-Cell Adhesion. Cell reports, 30(2), 583.

Luo L, et al. (2019) HDAC4 Controls Muscle Homeostasis through Deacetylation of Myosin Heavy Chain, PGC-1?, and Hsc70. Cell reports, 29(3), 749.

Azkanaz M, et al. (2019) Protein quality control in the nucleolus safeguards recovery of epigenetic regulators after heat shock. eLife, 8.

Boulias K, et al. (2019) Identification of the m6Am Methyltransferase PCIF1 Reveals the Location and Functions of m6Am in the Transcriptome. Molecular cell, 75(3), 631.

Gualtieri F, et al. (2019) Epileptogenesis-Associated Alterations of Heat Shock Protein 70 in a Rat Post-Status Epilepticus Model. Neuroscience, 415, 44.

Solis GM, et al. (2018) Translation attenuation by minocycline enhances longevity and proteostasis in old post-stress-responsive organisms. eLife, 7.

Kondo M, et al. (2017) Two-photon calcium imaging of the medial prefrontal cortex and hippocampus without cortical invasion. eLife, 6.

Larabee CM, et al. (2015) Expression profiling of the ubiquitin conjugating enzyme UbcM2 in murine brain reveals modest age-dependent decreases in specific neurons. BMC neuroscience, 16, 76.