

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

HSP27 (G31) Mouse mAb

RRID:AB_331761

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2402, RRID:AB_331761

Antibody Information

URL: http://antibodyregistry.org/AB_331761

Proper Citation: Cell Signaling Technology Cat# 2402, RRID:AB_331761

Target Antigen: HSP27 (G31) Mouse mAb

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC. Consolidation on 10/2018: AB_10696744, AB_331761.

Antibody Name: HSP27 (G31) Mouse mAb

Description: This monoclonal targets HSP27 (G31) Mouse mAb

Target Organism: h, human, mk

Antibody ID: AB_331761

Vendor: Cell Signaling Technology

Catalog Number: 2402

Record Creation Time: 20250820T053606+0000

Record Last Update: 20250820T215838+0000

Ratings and Alerts

No rating or validation information has been found for HSP27 (G31) Mouse mAb.

No alerts have been found for HSP27 (G31) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Hawsawi O, et al. (2025) Mitochondrial uncouplers inhibit oncogenic E2F1 activity and prostate cancer growth. *Cell reports. Medicine*, 6(1), 101890.

Kosz?a O, et al. (2025) Biotransformation of *Ganoderma lucidum* and *Herichium erinaceus* for ex vivo gut-brain axis modulation and mood-related outcomes in humans: CREB/BDNF signaling and microbiota-driven synergies. *Journal of ethnopharmacology*, 342, 119393.

Naderi Yeganeh P, et al. (2024) Integrative pathway analysis across humans and 3D cellular models identifies the p38 MAPK-MK2 axis as a therapeutic target for Alzheimer's disease. *Neuron*.

Boyd RA, et al. (2023) The heat shock protein Hsp27 controls mitochondrial function by modulating ceramide generation. *Cell reports*, 42(9), 113081.

Kosz?a O, et al. (2022) In vitro and in vivo evaluation of antioxidant and neuroprotective properties of antipsychotic D2AAK1. *Neurochemical research*, 47(6), 1778.

Walch P, et al. (2021) Global mapping of *Salmonella enterica*-host protein-protein interactions during infection. *Cell host & microbe*, 29(8), 1316.

Borghesan E, et al. (2021) A *Brucella* effector modulates the Arf6-Rab8a GTPase cascade to promote intravacuolar replication. *The EMBO journal*, 40(19), e107664.

Lockhead S, et al. (2020) The Apparent Requirement for Protein Synthesis during G2 Phase Is due to Checkpoint Activation. *Cell reports*, 32(2), 107901.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Miller CN, et al. (2017) A *Brucella* Type IV Effector Targets the COG Tethering Complex to Remodel Host Secretory Traffic and Promote Intracellular Replication. *Cell host & microbe*, 22(3), 317.