

Resource Summary Report

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

Mouse Anti-HSP27 Monoclonal Antibody, Unconjugated, Clone G31

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

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Mouse Anti-HSP27 Monoclonal Antibody, Unconjugated, Clone G31

Description: This monoclonal targets HSP27

Target Organism: monkey, simian, human

Clone ID: Clone G31

Antibody ID: AB_331761

Vendor: Cell Signaling Technology

Catalog Number: 2402

Record Creation Time: 20250820T015826+0000

Record Last Update: 20250820T122137+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-HSP27 Monoclonal Antibody, Unconjugated, Clone G31.

No alerts have been found for Mouse Anti-HSP27 Monoclonal Antibody, Unconjugated, Clone G31.

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.