

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

Phospho-HSP27 (Ser82) (D1H2) XP Rabbit mAb

RRID:AB_11217429

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9709, RRID:AB_11217429

Antibody Information

URL: http://antibodyregistry.org/AB_11217429

Proper Citation: Cell Signaling Technology Cat# 9709, RRID:AB_11217429

Target Antigen: Phospho-HSP27 (Ser82) (D1H2) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC, F. Consolidation on 11/2018: AB_11217429, AB_11217433.

Antibody Name: Phospho-HSP27 (Ser82) (D1H2) XP Rabbit mAb

Description: This monoclonal targets Phospho-HSP27 (Ser82) (D1H2) XP Rabbit mAb

Target Organism: b, dg, rat, hm, hamster, h, hr, canine, m, horse, mouse, r, bovine, human

Antibody ID: AB_11217429

Vendor: Cell Signaling Technology

Catalog Number: 9709

Record Creation Time: 20231110T055729+0000

Record Last Update: 20260829T050305+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-HSP27 (Ser82) (D1H2) XP Rabbit mAb.

No alerts have been found for Phospho-HSP27 (Ser82) (D1H2) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Zhang S, et al. (2026) A peritumoral microenvironment engaged by Reg-EXTL3 axis fosters nerve-cancer interactions in pancreatic ductal adenocarcinoma. *Neuron*.

Hung HF, et al. (2026) Centrosome linker protein CEP68 modulates cellular stress responses via nuclear condensate formation and HSP27 interaction. *iScience*, 29(7), 116491.

Chen YC, et al. (2025) Inhibition of p38-MK2 pathway enhances the efficacy of microtubule inhibitors in breast cancer cells. *eLife*, 13.

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

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.

Gonzalez ME, et al. (2022) EZH2 T367 phosphorylation activates p38 signaling through lysine methylation to promote breast cancer progression. *iScience*, 25(8), 104827.

Krokowski D, et al. (2022) Stress-induced perturbations in intracellular amino acids reprogram mRNA translation in osmoadaptation independently of the ISR. *Cell reports*, 40(3), 111092.

Suarez-Lopez L, et al. (2021) Cross-species transcriptomic signatures predict response to MK2 inhibition in mouse models of chronic inflammation. *iScience*, 24(12), 103406.

Trulley P, et al. (2019) Alternative Translation Initiation Generates a Functionally Distinct Isoform of the Stress-Activated Protein Kinase MK2. *Cell reports*, 27(10), 2859.

Fallahi-Sichani M, et al. (2015) Systematic analysis of BRAF(V600E) melanomas reveals a role for JNK/c-Jun pathway in adaptive resistance to drug-induced apoptosis. *Molecular systems biology*, 11(3), 797.