

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

Phospho-HSP27 (Ser82) Antibody

RRID:AB_331644

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2401, RRID:AB_331644

Antibody Information

URL: http://antibodyregistry.org/AB_331644

Proper Citation: Cell Signaling Technology Cat# 2401, RRID:AB_331644

Target Antigen: Phospho-HSP27 (Ser82)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IHC-P, IHC-F, IF-IC. Consolidation on 11/2018: AB_10077595, AB_10080193, AB_10828003, AB_331644, AB_331645.

Antibody Name: Phospho-HSP27 (Ser82) Antibody

Description: This polyclonal targets Phospho-HSP27 (Ser82)

Target Organism: rat, h, nonhuman primate, m, mouse, r, human, mk

Antibody ID: AB_331644

Vendor: Cell Signaling Technology

Catalog Number: 2401

Record Creation Time: 20250820T032633+0000

Record Last Update: 20250820T161547+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-HSP27 (Ser82) Antibody.

No alerts have been found for Phospho-HSP27 (Ser82) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Kumari N, et al. (2026) Metabolic stress conditions dictate MAPKAPK2-dependent efficiency of MEK1/2 inhibition in colorectal carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 123(7), e2505331123.

Zhao H, et al. (2025) Single-Cell Analysis of Posttranslational Modifications Identifies Immunosuppressive Macrophage Subtypes in the HBV-Positive Hepatocellular Carcinoma Microenvironment. Cancer immunology research, 13(8), 1303.

Joseph S, et al. (2025) MAPK14/p38 γ shapes the molecular landscape of endometrial cancer and promotes tumorigenic characteristics. Cell reports, 44(1), 115104.

Wang N, et al. (2023) Homo-oxidized HSPB1 protects H9c2 cells against oxidative stress via activation of KEAP1/NRF2 signaling pathway. iScience, 26(8), 107443.

Li Z, et al. (2020) Spinal heat shock protein 27 participates in PDGFR γ -mediated morphine tolerance through PI3K/Akt and p38 MAPK signalling pathways. British journal of pharmacology, 177(22), 5046.

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

Heun Y, et al. (2019) Inactivation of the tyrosine phosphatase SHP-2 drives vascular dysfunction in Sepsis. EBioMedicine, 42, 120.

Simões-Sousa S, et al. (2018) The p38 γ Stress Kinase Suppresses Aneuploidy Tolerance by Inhibiting Hif-1 α . Cell reports, 25(3), 749.

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