

Resource Summary Report

Generated by [RRID](#) on Jul 30, 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, m, mouse, r, human, mk

Antibody ID: AB_331644

Vendor: Cell Signaling Technology

Catalog Number: 2401

Record Creation Time: 20250820T020150+0000

Record Last Update: 20250820T123018+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 8 mentions in open access literature.

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

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.

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

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.

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

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

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