9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Phospho-HSF1 (Ser303/Ser307) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1890

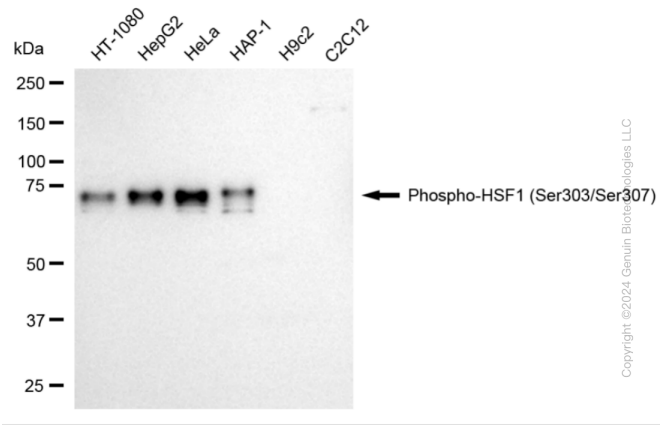
Product Overview

Name	KD-Validated Anti-Phospho-HSF1 (Ser303/Ser307) Rabbit Monoclonal Antibody
Accession(Primary)	Q00613
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-HSF1 (Ser303/Ser307)
Species Reactivity	Human
Calculated MW	Predicted, 57 kDa, observed, 73 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

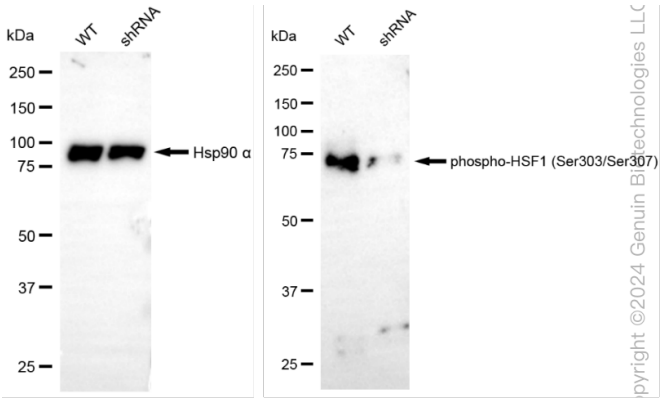
Target information (Q00613)

Gene Name	HSF1
About Gene Symbol	HSF1 (Heat Shock Transcription Factor 1) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

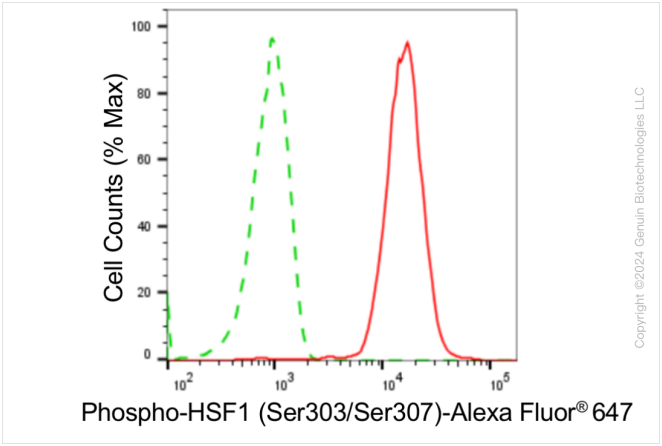
9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



Western blotting analysis using anti-phospho-HSF1 (Ser303/Ser307) antibody (Cat#ABG1890). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-HSF1 (Ser303/Ser307) antibody (Cat#ABG1890, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

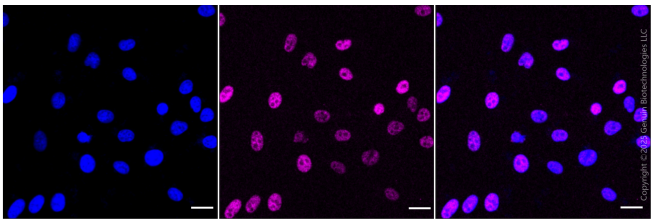


Western blotting analysis using anti-phospho-HSF1 (Ser303/Ser307) antibody (Cat#ABG1890). Phospho-HSF1 (Ser303/Ser307) expression in wild type (WT) and HSF1 shRNA knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-phospho-HSF1 (Ser303/Ser307) antibody (Cat#ABG1890, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Phospho-HSF1 (Ser303/Ser307) expression in HepG2 cells using anti-Phospho-HSF1 (Ser303/Ser307) antibody (Cat#ABG1890, 1:2,000). Green, isotype control; red,Phospho-HSF1 (Ser303/Ser307).

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



Immunocytochemical staining of HepG2 cells with anti-phospho-HSF1 (Ser303/Ser307) antibody (Cat#ABG1890, 1:1,000). Nuclei were stained blue with DAPI; Phospho-HSF1 (Ser303/Ser307) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.