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

**GenuIN BIOTECH**
REAL MATTERS

# Catalog #: 4748

## Aliases

HSF1; Heat Shock Transcription Factor 1; HSTF1; Heat Shock Factor Protein 1; HSTF; HSF

## Background

Gene Name: HSF1
NCBI Gene Entry: 3297
UniProt Entry: Q00613

## Application Information

Molecular Weight: Predicted, 57 kDa; observed, 73 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB12750
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human Phospho-HSF1 (Ser303/Ser307)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.
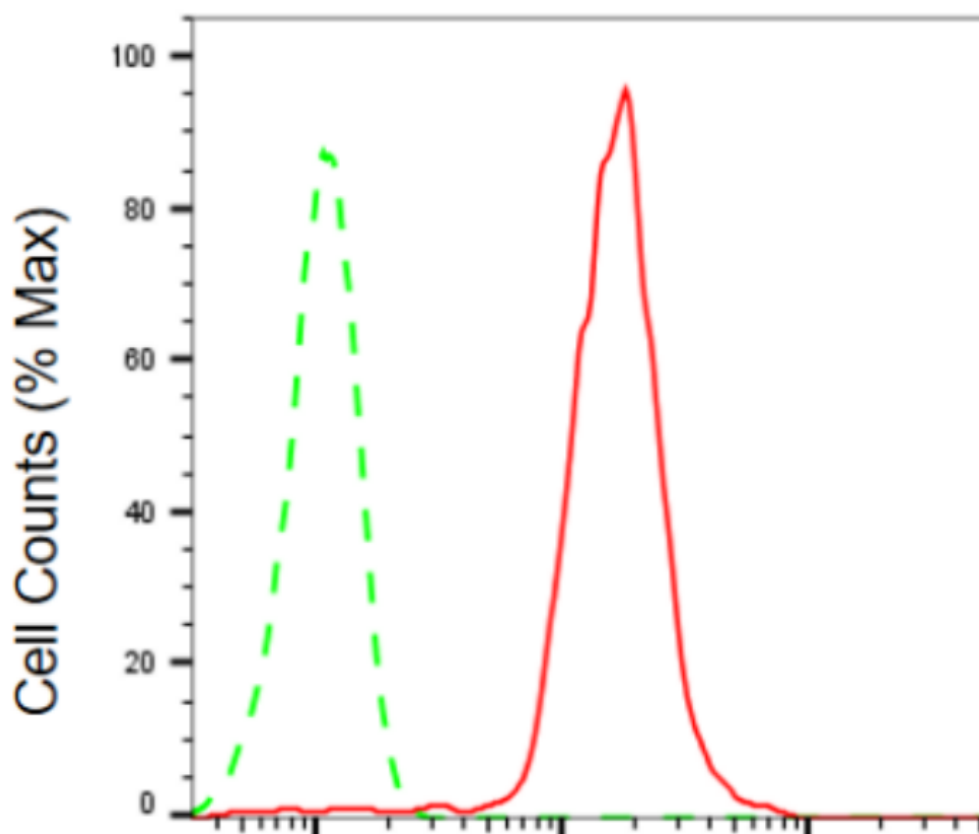
## Validation Data

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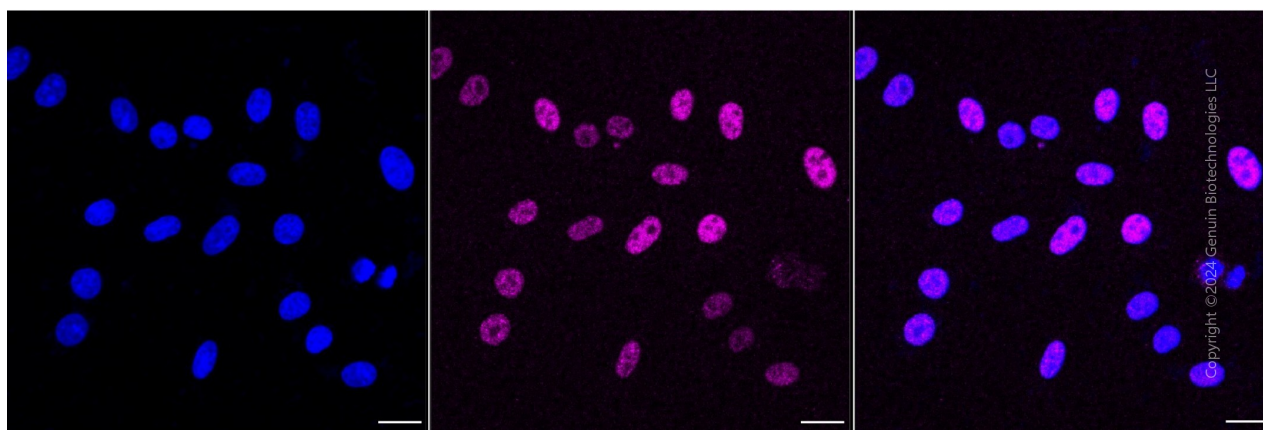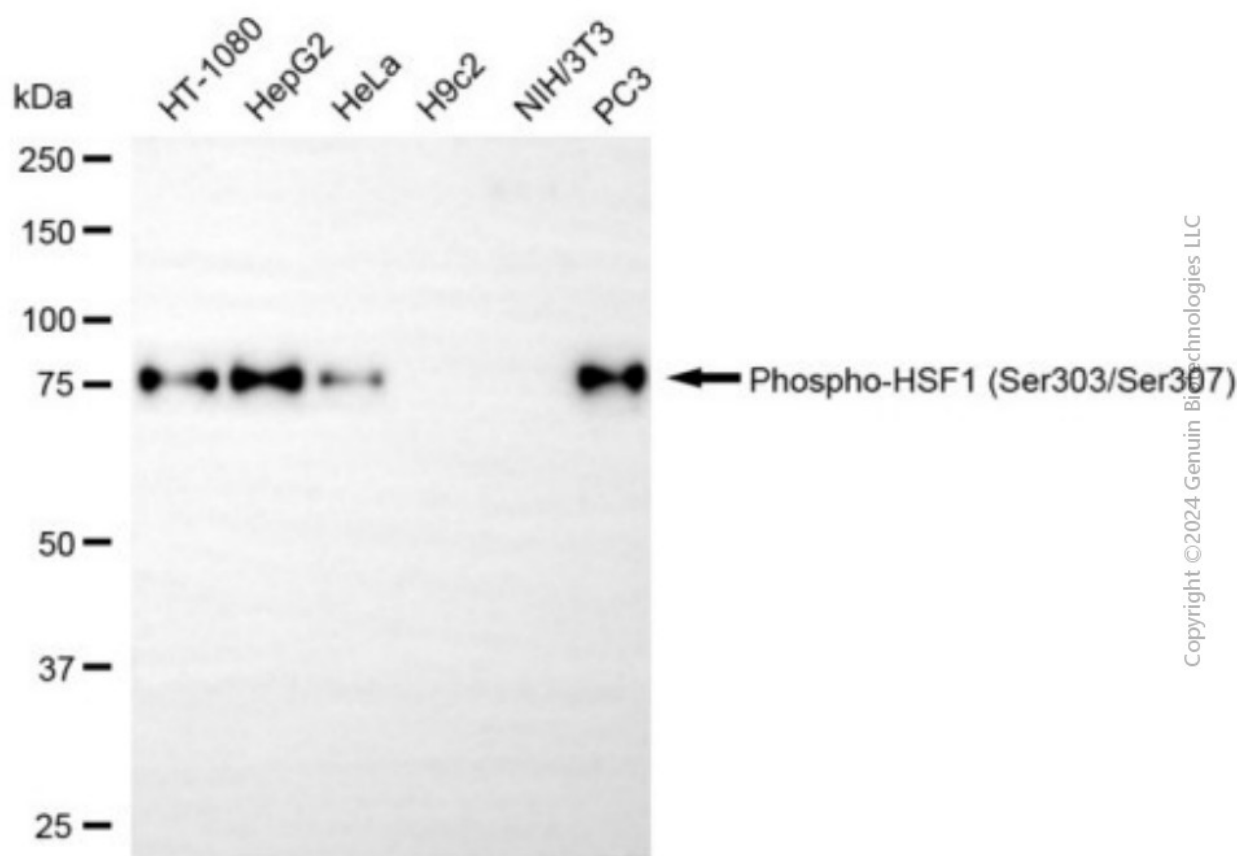SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

**ORDERS**
SALES@GENUINBIOTECH.COM
FAX:+1-540-855-7041

**WWW.GENUINBIOTECH.COM**

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Flow cytometric analysis of phospho-HSF1 (Ser303/Ser307) expression in HepG2 cells using anti-phospho-HSF1 (Ser303/Ser307) antibody (Cat#4748, 1:2,000). Green, isotype control; red, phospho-HSF1 (Ser303/Ser307).



Immunocytochemical staining of HepG2 cells with anti-Phospho-HSF1 (Ser303/Ser307) antibody (Cat#4748, 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

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abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μm.



Western blotting analysis using anti-phospho-HSF1 (Ser303/Ser307) antibody (Cat#4748). 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#4748, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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