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[KD-Validated] Anti-Heat shock transcription factor 1 Rabbit Monoclonal Antibody

Cat No.: KD-10470

Aliases:

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

Background:

UniProt Entry: [Q00613](#);NCBI Gene Entry: [3297](#)

Application Information

Molecular Weight: Predicted, 105 kDa, observed, 50,105 kDa Clonality: Rabbit
monoclonal antibody Clone ID: 23GB2715 Species Reactivity: Human Applctanions
Tsed: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human HSF1

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.

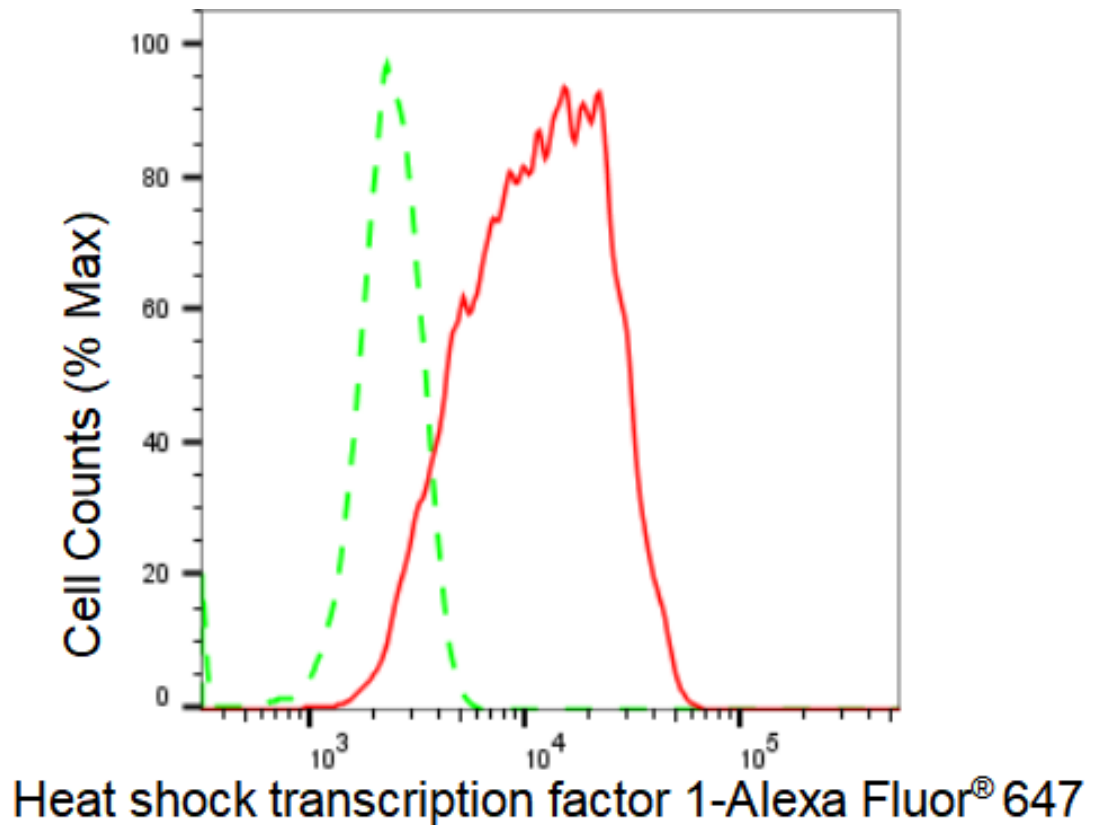
Recommended Dilutions

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

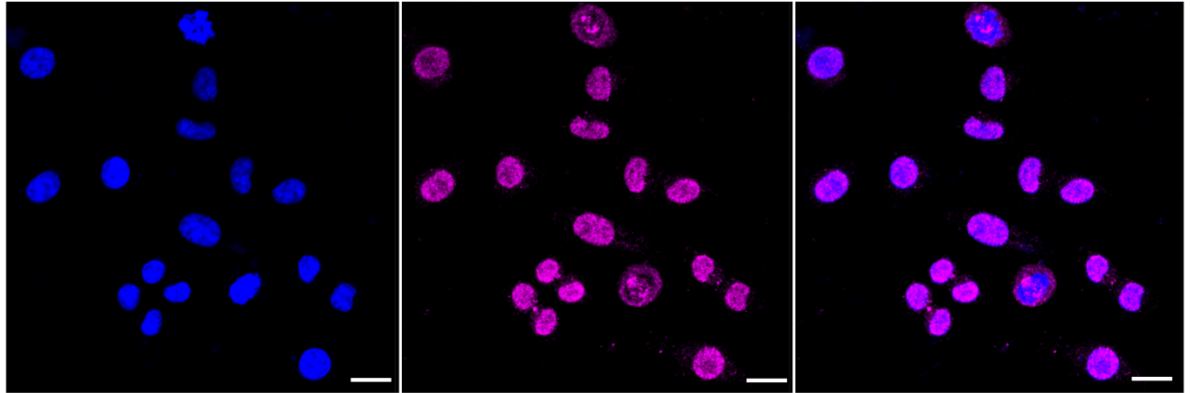
Immunocytochemistry (IC): 1:1,000

Protocols

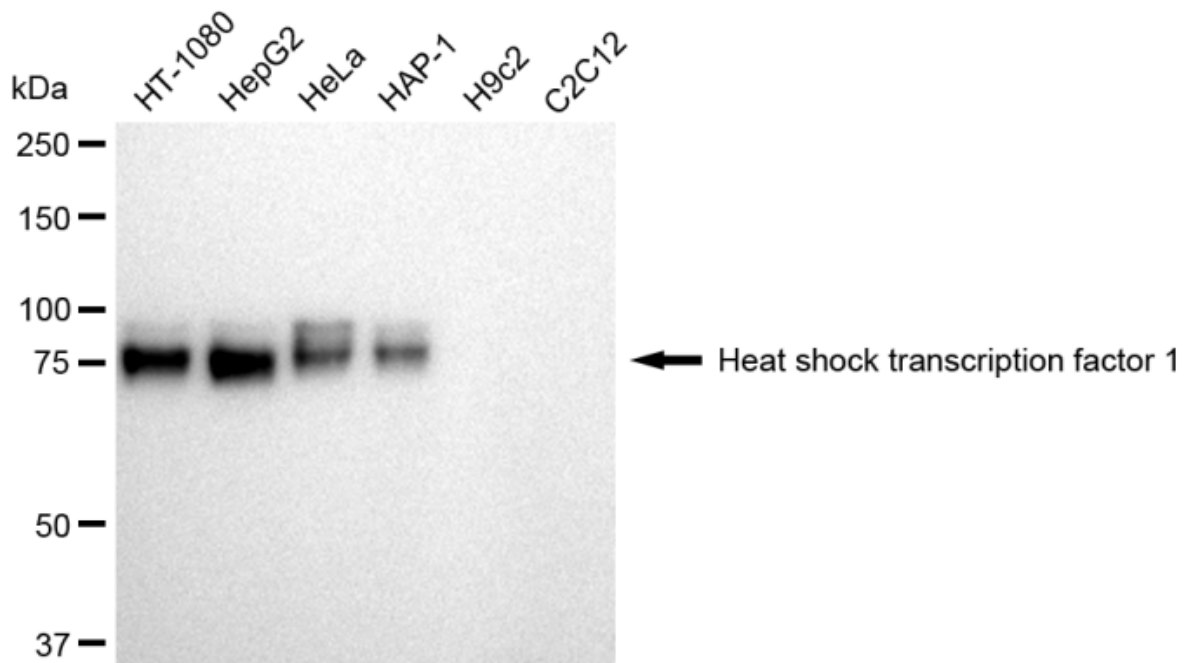
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



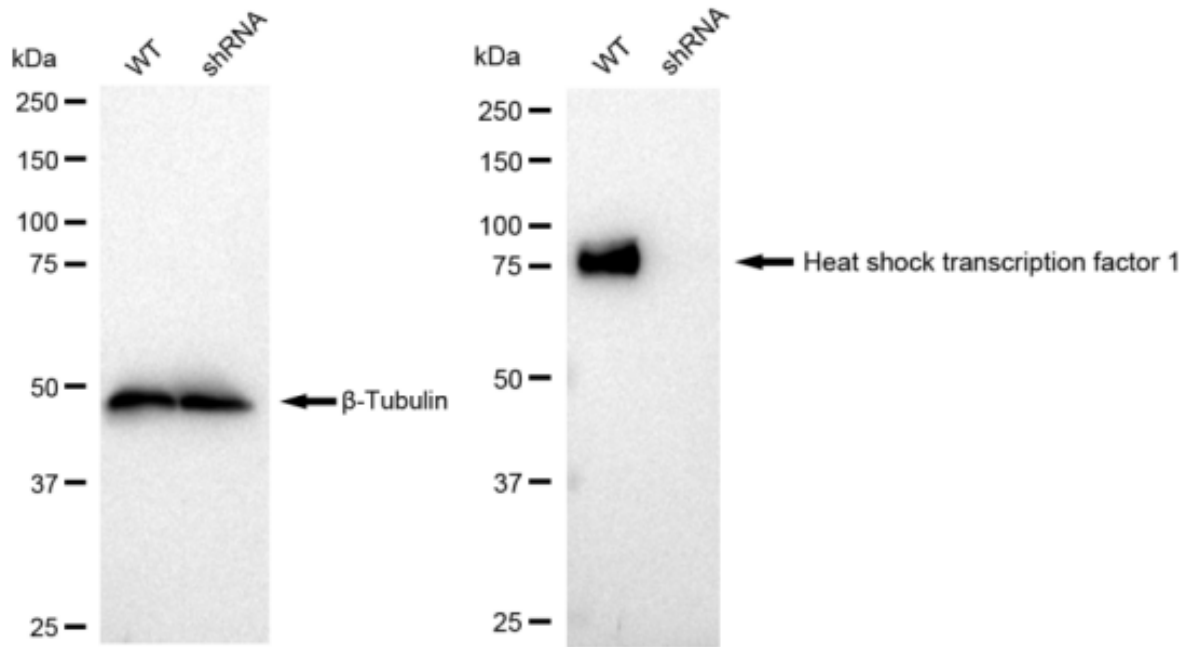
Flow cytometric analysis of Heat shock transcription factor 1 expression in HepG2 cells using Heat shock transcription factor 1 antibody 1:2,000. Green, isotype control; red, Heat shock transcription factor 1.



Immunocytochemical staining of HepG2 cells with Heat shock transcription factor 1 antibody 1:1,000. Nuclei were stained blue with DAPI; Heat shock transcription factor 1 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 μ m.



Western blotting analysis using anti-Heat shock transcription factor 1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



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