Product Datasheet

HSF1 Rabbit mAb

Catalog No: #59956

Package Size: #59956-1 50ul #59956-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	HSF1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	HSF1 Antibody detects endogenous levels of total HSF1
Immunogen Description	A synthesized peptide derived from human HSF1
Other Names	Heat shock factor 1; hsf1; HSTF1;
Accession No.	Uniprot:Q00613
Calculated MW	Predicted band size: 57 kDa
SDS-PAGE MW	Observed band size: 80 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

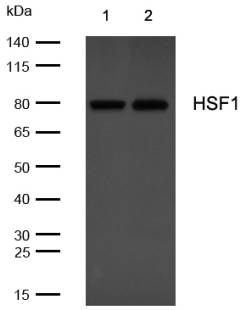
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



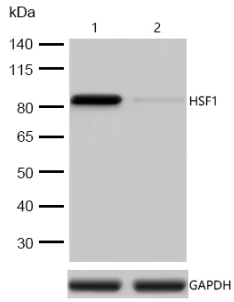
All lanes: HSF1 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : MCF-7 whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 57 kDa
Observed band size: 80 kDa

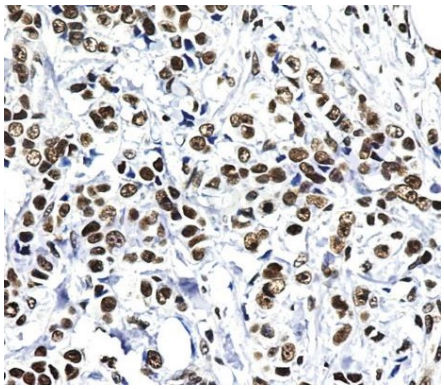
Exposure time: 6 seconds



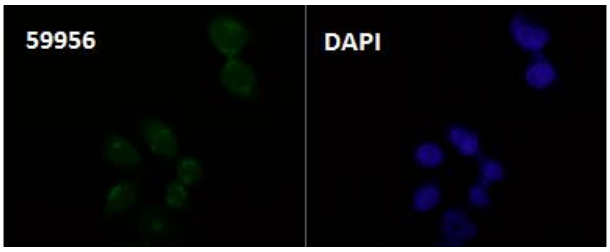
All lanes:HSF1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type 293T cell lysate
Lane 2 :HSF1 Rabbit mAb knockdown 293T cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human breast cancer tissue stained for HSF1 using 59956 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence HSF1 antibody (59956) ICC/IF staining of HSF1 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 59956 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

Background

DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.