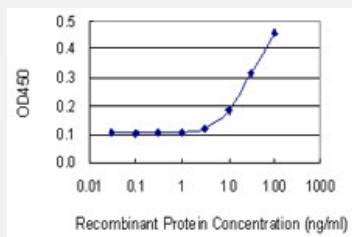


# HSF1 monoclonal antibody (M09), clone 1A11

Catalog # H00003297-M09

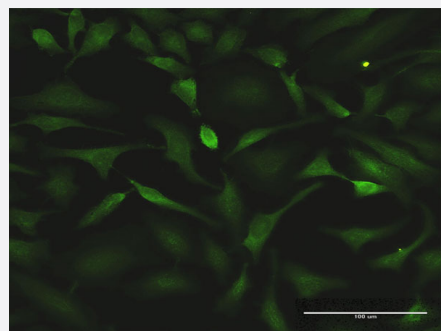
Size 100 ug

## Applications



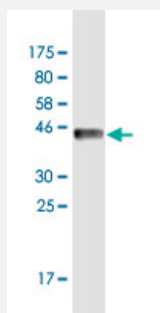
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSF1 is 3 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to HSF1 on HeLa cell . [antibody concentration 20 ug/ml]



Western Blot detection against Immunogen (37.18 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HSF1.

Immunogen	HSF1 (NP_005517.1, 256 a.a. ~ 359 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DAVASSGPIISDITELAPASPMASPGGSIDERPLSSSPLVRVKEEPPSPPPQSPRVEEASPGRPSS VDLLSPTALIDSILRESEPAPASVTALTDARGHTDTEG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (81)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.18 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSF1 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HSF1 on HeLa cell . [antibody concentration 20 ug/ml]

## Gene Info — HSF1

Entrez GeneID [3297](#)

GeneBank Accession# [NM\\_005526](#)

Protein Accession#	<a href="#">NP_005517.1</a>
Gene Name	HSF1
Gene Alias	HSTF1
Gene Description	heat shock transcription factor 1
Omim ID	<a href="#">140580</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The product of this gene is a heat-shock transcription factor. Transcription of heat-shock genes is rapidly induced after temperature stress. Hsp90, by itself and/or associated with multichaperone c complexes, is a major repressor of this gene. [provided by RefSeq
Other Designations	-