



# HSF2 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-01817
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	HSF2
<b>Protein Name</b>	Heat shock factor protein 2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HSF2. AA range:401-450
<b>Specificity</b>	HSF2 Monoclonal Antibody detects endogenous levels of HSF2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	HSF2; HSTF2; Heat shock factor protein 2; HSF 2; Heat shock transcription factor 2; HSTF 2
<b>Observed Band</b>	85kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus . Cytoplasmic during normal growth and moves to the nucleus upon activation.
<b>Tissue Specificity</b>	Bladder,Brain,PCR rescued clones,Testis,
<b>Function</b>	function: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.,similarity:Belongs to the HSF family.,subcellular location:Cytoplasmic during normal growth and moves to the nucleus upon activation.,subunit:DNA-binding homotrimer in stressed or heat shocked cells, otherwise found as a homodimer.,
<b>Background</b>	heat shock transcription factor 2(HSF2) Homo sapiens The protein encoded by this gene belongs to the HSF family of transcription factors that bind specifically to the heat-shock promoter element and activate transcription. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011],



**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

