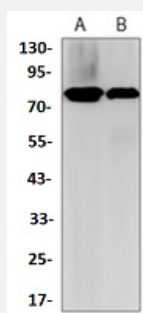


RecomAb™

HSF1 recombinant monoclonal antibody

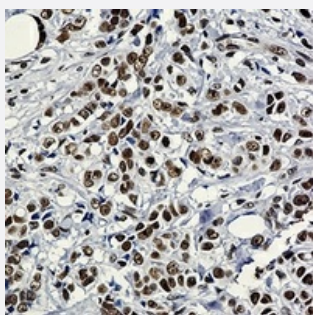
Catalog # RAB02509 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa (A), Jurkat (B) whole cell lysates with HSF1 recombinant monoclonal antibody (Cat # RAB02509).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human breast carcinoma formalin fixed paraffin embedded tissue section using HSF1 recombinant monoclonal antibody (Cat # RAB02509). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.14). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HSF1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human HSF1.
Theoretical MW (kDa)	80
Reactivity	Human

Specificity	Recognizes endogenous levels of HSF1 protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Hela (A), Jurkat (B) whole cell lysates with HSF1 recombinant monoclonal antibody (Cat # RAB02509).

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- Immunoprecipitation

Gene Info — HSF1

Entrez GeneID	3297
Protein Accession#	Q00613
Gene Name	HSF1
Gene Alias	HSTF1

Gene Description	heat shock transcription factor 1
Omim ID	140580
Gene Ontology	Hyperlink
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	-