
Product Name: HSF1 Mouse Monoclonal Antibody**Catalog #: AMM81385**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | IHC, ICC, ELISA |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG2b |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in PBS with 0.05% sodium azide. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | IHC 1:200-1:1000, ICC 1:200-1:1000, ELISA 1:5000-1:20000 |
| Molecular Weight | 57.3kDa |

Antigen Information

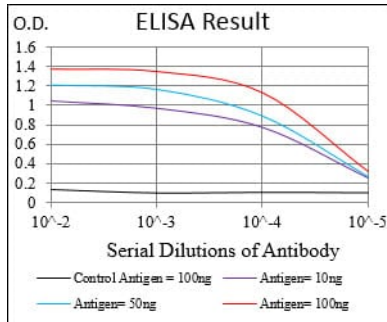
| | |
|--------------------------|---|
| Gene Name | HSF1 |
| Alternative Names | HSTF1 |
| Gene ID | 3297.0 |
| SwissProt ID | Q00613 |
| Immunogen | Purified recombinant fragment of human HSF1 (AA: 256-359) expressed in E. Coli. |

Background

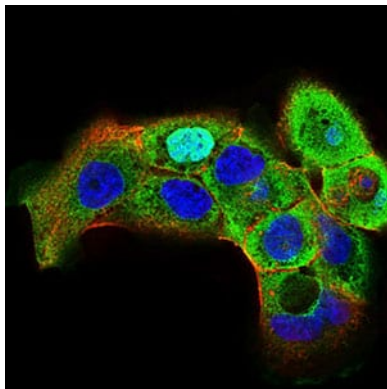
The product of this gene is a heat-shock transcription factor. Transcription of heat-shock genes is rapidly induced after temperature stress. Hsp90, by itself and/or associated with multichaperone complexes, is a major repressor of this gene.

Research Area

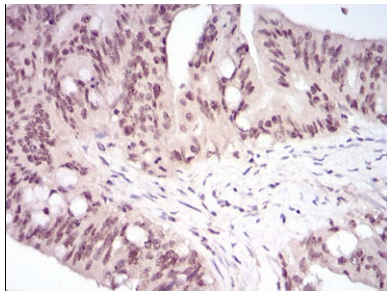
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of A431 cells using HSF1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using HSF1 mouse mAb with DAB staining.