

HSF1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3377
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human HSF1 (AA: 256-359) expressed in E. Coli.
Mol wt	57.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC,ICC
Concentration	N/A
Full name	N/A
Synonyms	HSTF1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

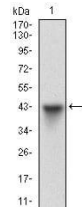
IHC-p: 1:200 - 1:1000

ICC: 1:200 - 1:1000

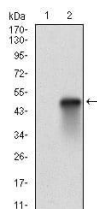
ELISA: 1:10000

Not yet tested in other applications.

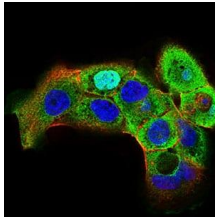
Images



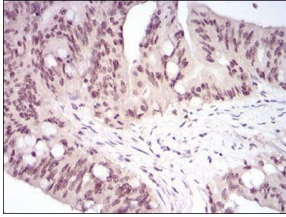
Western blot analysis using HSF1 mAb against human HSF1 (AA: 256-359) recombinant protein.
(Expected MW is 36.5 kDa)



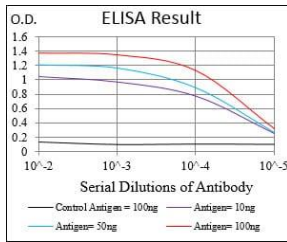
Western blot analysis using HSF1 mAb against HEK293 (1) and HSF1 (AA: 256-359)-hIgGfc transfected HEK293 (2) cell lysate.



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. Secondary antibody from Fisher (Cat#: 35503)



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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