



[Go to Product page](#)

Datasheet for ABIN969527

anti-HSF4 antibody

3 Images

2 Publications

Overview

Quantity:	0.1 mg
Target:	HSF4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human HSF4 expressed in E. coli.
Clone:	2-00E-07
Isotype:	IgG1
Purification:	purified

Target Details

Target:	HSF4
Alternative Name:	HSF4 (HSF4 Products)
Background:	Description: Heat-shock transcription factors (HSFs) activate heat-shock response genes under conditions of heat or other stresses. HSF4 lacks the carboxyl-terminal hydrophobic repeat which is shared among all vertebrate HSFs and has been suggested to be involved in the negative regulation of DNA binding activity. Two alternatively spliced transcripts encoding distinct isoforms and possessing different transcriptional activity have been described.

Target Details

Aliases: CTM

Molecular Weight: 53 kDa

Gene ID: 3299

HGNC: 3299

Pathways: [MAPK Signaling](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

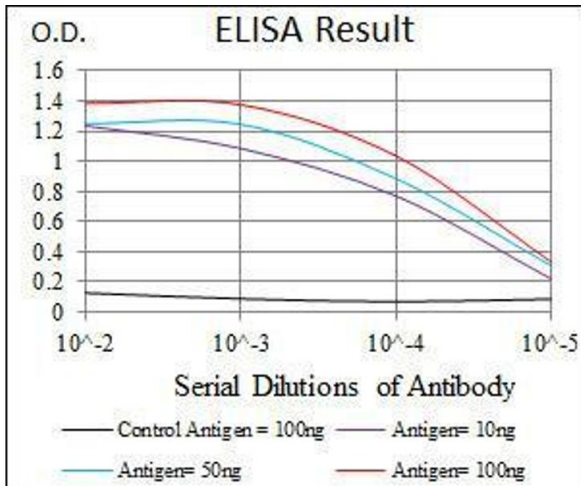
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

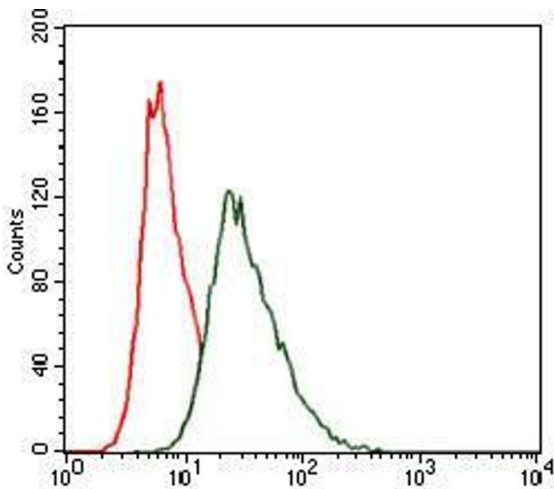
Publications

Product cited in: Koc, Cimen, Kumcuoglu, Abu, Akpinar, Haque, Spremulli, Koc: "Identification and characterization of CHCHD1, AURKAIP1, and CRIF1 as new members of the mammalian mitochondrial ribosome." in: **Frontiers in physiology**, Vol. 4, pp. 183, (2013) ([PubMed](#)).



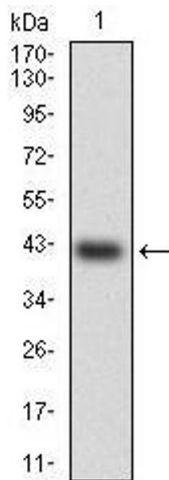
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of HeLa cells using HSF4 mouse mAb (green) and negative control (red).



Western Blotting

Image 3. Western blot analysis using HSF4 mAb against human HSF4 (AA: 245-411) recombinant protein. (Expected MW is 42.9 kDa)