Product Name: HSPA9 Mouse Monoclonal Antibody
Catalog #: AMM82847
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
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	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	74KDa

Antigen Information

Gene Name	HSPA9
Alternative Names	CSA; MOT; MOT2; SAAN; CRP40; EVPLS; GRP75; PBP74; GRP-75; HSPA9B; SIDBA4; MTHSP75; HEL-S-124m
Gene ID	3313.0
SwissProt ID	P38646
Immunogen	Purified recombinant fragment of human HSPA9 (AA: 480-679) expressed in mammalian.

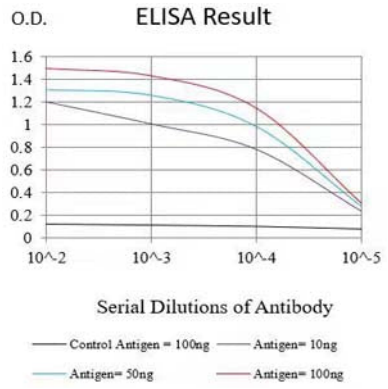
Background

This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a

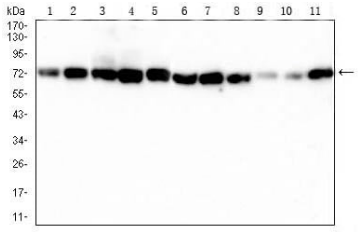
heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.

Research Area

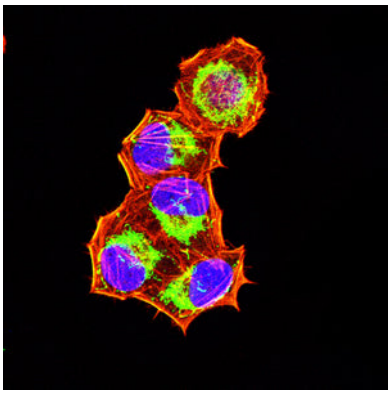
Image Data



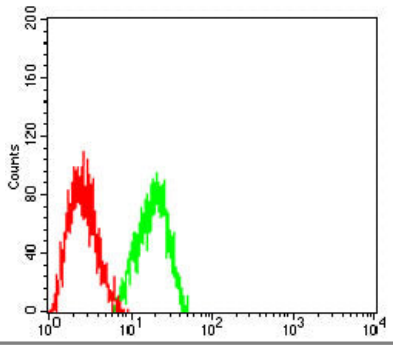
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



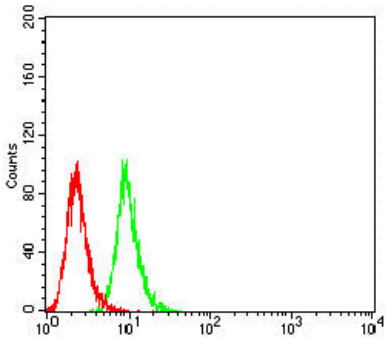
Western blot analysis using HSPA9 mouse mAb against CSO-7 (1),C6 (2), PC-12 (3), PANC-1(4),A549 (5),MCF-7 (6),K562 (7),Hela (8),A431 (9),HepG2 (10)and Jurkat (11) cell lysate.



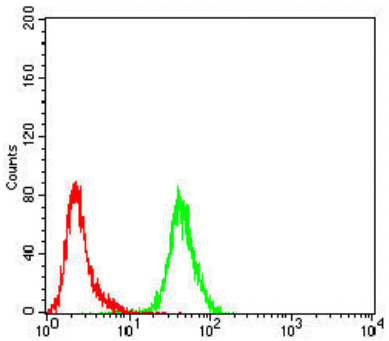
Immunofluorescence analysis of Hela cells using HSPA9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



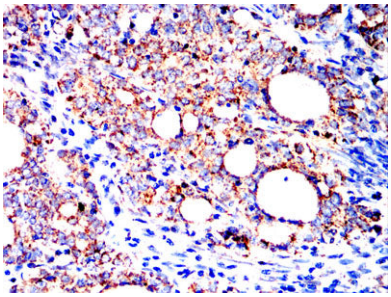
Flow cytometric analysis of Hela cells using HSPA9 mouse mAb (green) and negative control (red).



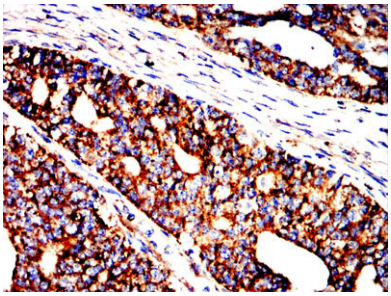
Flow cytometric analysis of HepG2 cells using HSPA9 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using HSPA9 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissues using HSPA9 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using HSPA9 mouse mAb with DAB staining.