Product Name: HSP70 Mouse Monoclonal Antibody
Catalog #: AMM82822
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, 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,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	94.3kDa

Antigen Information

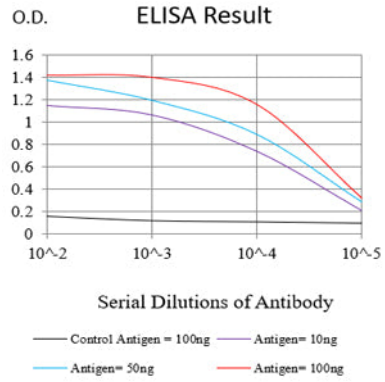
Gene Name	HSP70
Alternative Names	RY; APG-2; HSPH2; hsp70; hsp70RY; HEL-S-5a; HS24/P52
Gene ID	3308.0
SwissProt ID	P34932
Immunogen	Purified recombinant fragment of human HSP70 (AA: 642-841) expressed in mammalian.

Background

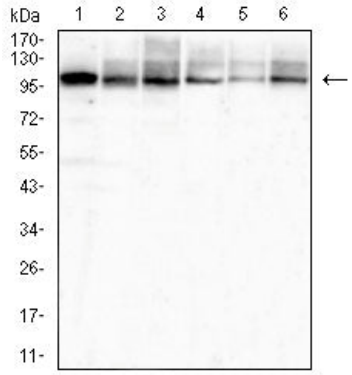
HSPA4 (Heat Shock Protein Family A (Hsp70) Member 4) is a Protein Coding gene. Diseases associated with HSPA4 include Vulvovaginitis and Babesiosis. Among its related pathways are Cellular response to heat stress and Mechanisms of CFTR activation by S-nitrosoglutathione (normal and CF). An important paralog of this gene is HSPA4L.

Research Area

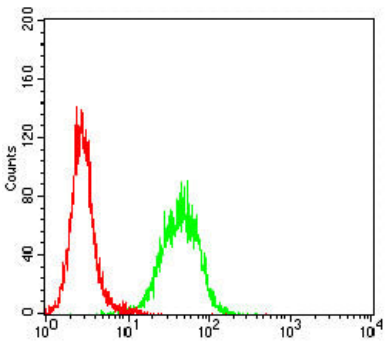
Image Data



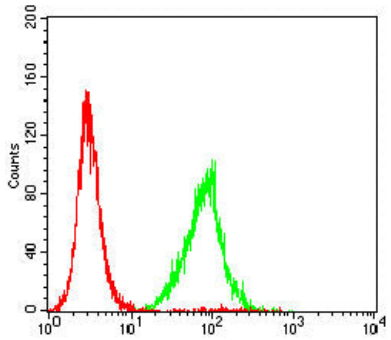
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



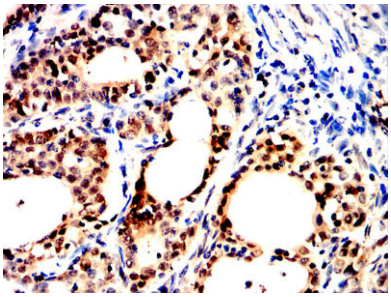
Western blot analysis using HSP70 mouse mAb against Hela (1), HepG2 (2),Hek293 (3),COS-7 (4),A549 (5) and Jurkat (6) cell lysate.



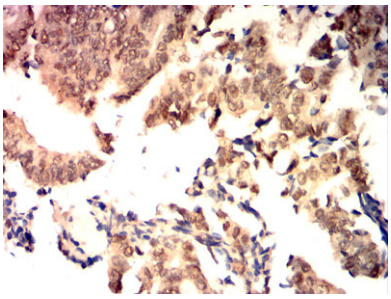
Flow cytometric analysis of Hela cells using HSP70 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using HSP70 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using HSP70 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using HSP70 mouse mAb with DAB staining.