

Summary

Production Name	HSP70 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,ELISA
Reactivity	Human, Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	HSP70
Alternative Names	RY; APG-2; HSPH2; HSPA4; hsp70RY; HEL-S-5a; HS24/P52
Gene ID	3308.0
SwissProt ID	P34932.Purified recombinant fragment of human HSP70 (AA: 642-841) expressed in Mammalian.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	94.3kDa

Background

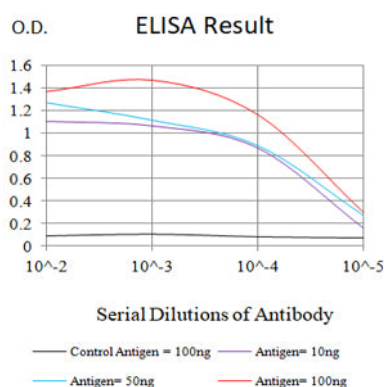
Product Name: HSP70 Mouse Monoclonal Antibody
Catalog #: AMM82747



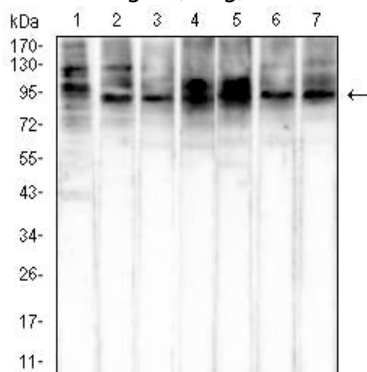
HSPA4 (Heat Shock Protein Family A (Hsp70) Member 4) is a Protein Coding gene. Diseases associated with HSPA4 include Vulvovaginitis and Babesiosis. Among its related pathways are Regulation of degradation of deltaF508 CFTR in CF and Chks in Checkpoint Regulation. An important paralog of this gene is HSPA4L.

Research Area

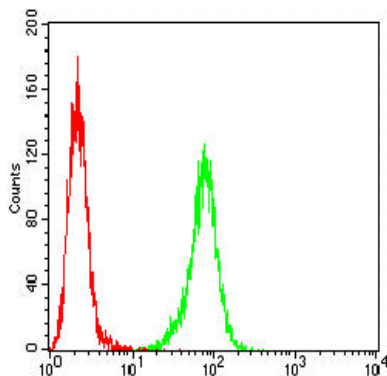
Image Data



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



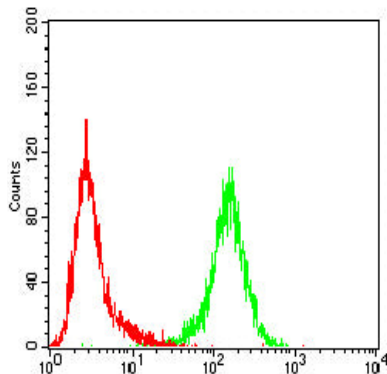
Western blot analysis using HSP70 mouse mAb against NIH/3T3 (1), Hela (2), HepG2 (3), Hek293 (4), COS-7 (5), A549 (6), and Jurkat (7) cell lysate.



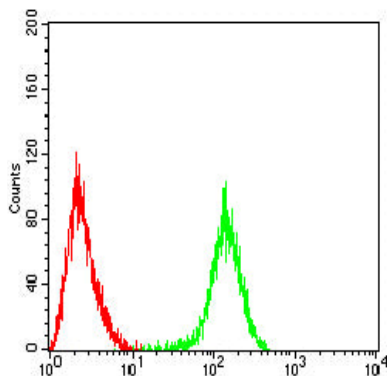
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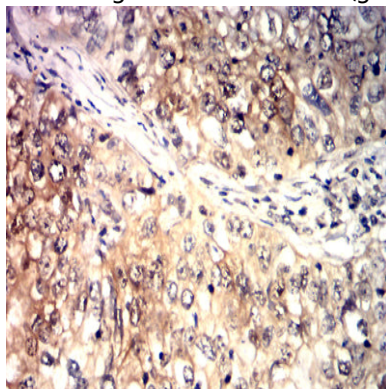
Flow cytometric analysis of Hela cells using HSP70 mouse mAb (green) and negative control (red).



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

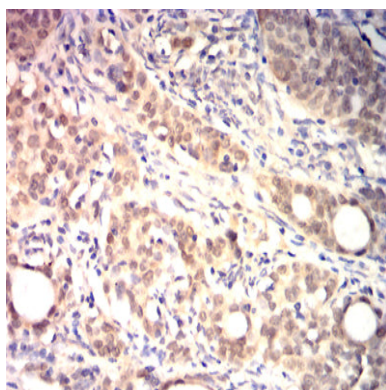


Flow cytometric analysis of Raji cells using HSP70 mouse mAb (green) and negative control (red).

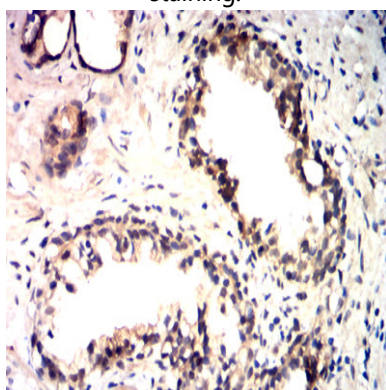


Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using HSP70 mouse mAb with DAB staining.

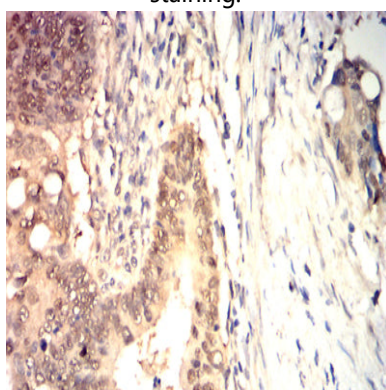
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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using HSP70 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate 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.

Note

For research use only.