

产品名称: HSP27 Mouse Monoclonal Antibody
产品货号: AMM80988



产品概述 (Summary)

产品名称 (Production Name)	HSP27 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HSP27
别名 (Alternative Names)	CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067; DKFZp586P1322; HSPB1
基因 ID (Gene ID)	3315.0
蛋白 ID (SwissProt ID)	P04792.Purified recombinant fragment of human HSP27 expressed in E. Coli.

产品应用 (Application)

稀释比 (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
蛋白分子量 (Molecular Weight)	27kDa

研究背景 (Background)

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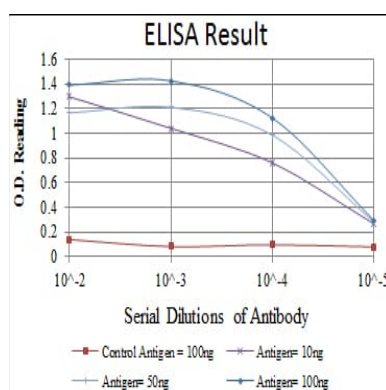


The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN). (provided by RefSeq) Tissue specificity: Detected in all tissues tested: skeletal muscle, heart, aorta, large intestine, small intestine, stomach, esophagus, bladder, adrenal gland, thyroid, pancreas, testis, adipose tissue, kidney, liver, spleen, cerebral cortex, blood serum and cerebrospinal fluid. Highest levels are found in the heart and in tissues composed of striated and smooth muscle.

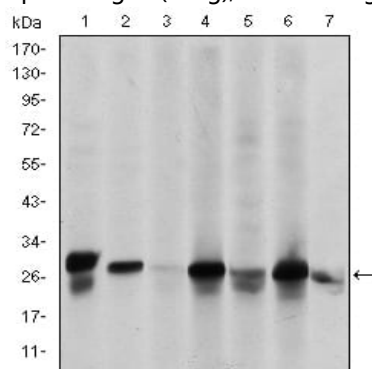
研究领域 (Research Area)

MAPK signaling pathway

图片 (Image Data)

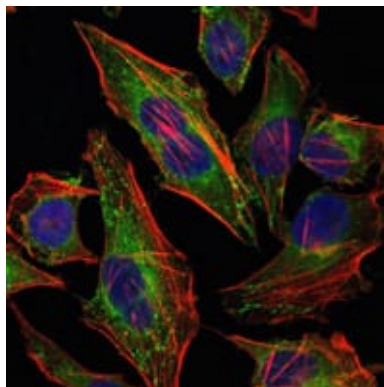


Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);

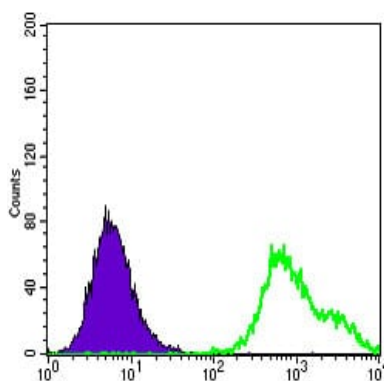


Western blot analysis using HSP27 mouse mAb against Hela (1), A549 (2), Jurkat (3), A431 (4), HEK293(5), HepG2 (6) and PC-12 (7) cell lysate.

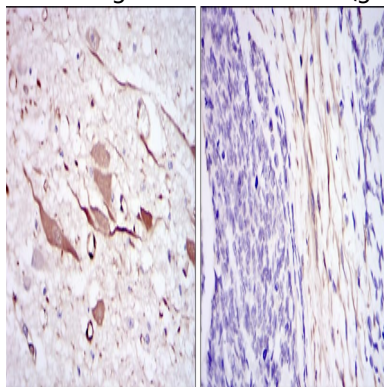
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Immunofluorescence analysis of HeLa cells using HSP27 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

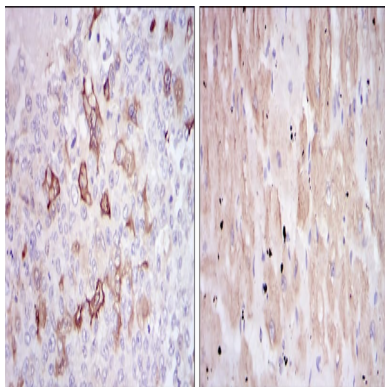


Flow cytometric analysis of HepG2 cells using HSP27 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human brain tissues (left) and esophageal cancer tissues (right) using HSP27 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human breast cancer tissues (left) and cardiac muscle tissues (right) using HSP27 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .