

产品名称: MSH6 Mouse Monoclonal Antibody
产品货号: AMM81068



产品概述 (Summary)

产品名称 (Production Name)	MSH6 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

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2a
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)	MSH6
别名 (Alternative Names)	GTBP; HSAP; HNPCC5
基因 ID (Gene ID)	2956.0
蛋白 ID (SwissProt ID)	P52701.Purified recombinant fragment of human MSH6 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)	160kDa

研究背景 (Background)

This gene encodes a protein similar to the MutS protein. In E. coli, the MutS protein helps in the recognition of mismatched

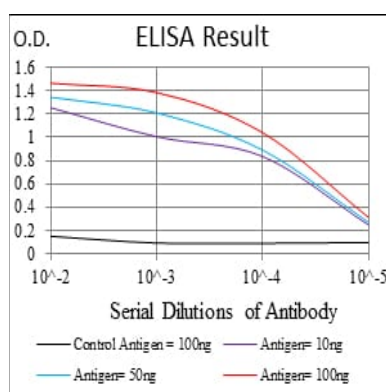
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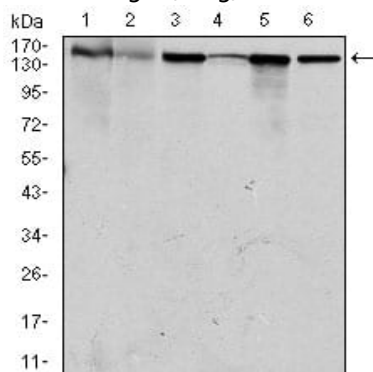
nucleotides, prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein of this gene combines with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene have been identified in individuals with hereditary nonpolyposis colon cancer (HNPCC) and endometrial cancer.

研究领域 (Research Area)

图片 (Image Data)

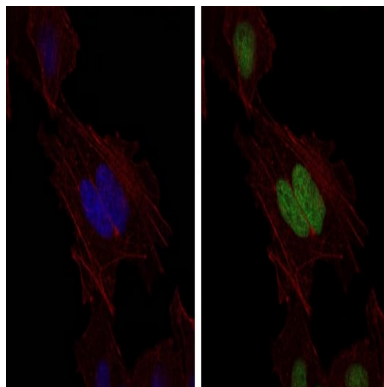


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

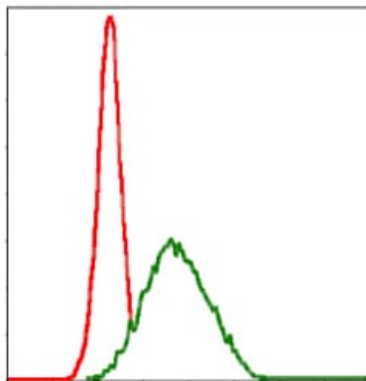


Western blot analysis using MSH6 mouse mAb against HEK293 (1), HCT116 (2), A549 (3), A431 (4), MCF-7 (5) and HepG2 (6) cell lysate.

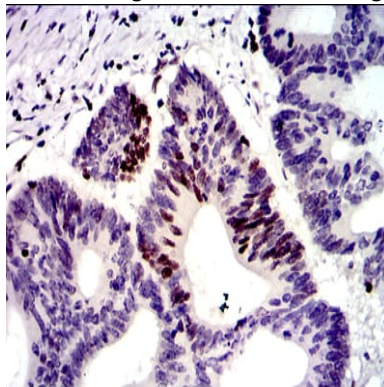
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Immunofluorescence analysis of Hela cells using MSH6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

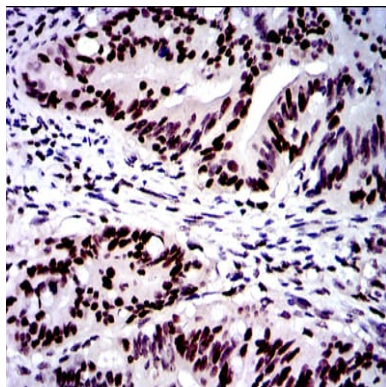


Flow cytometric analysis of MCF-7 cells using MSH6 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using MSH6 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using MSH6 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .