

产品名称: MGMT Mouse Monoclonal Antibody
产品货号: AMM81518



产品概述 (Summary)

产品名称 (Production Name)	MGMT 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 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)	MGMT
别名 (Alternative Names)	EC 2.1.1.63
基因 ID (Gene ID)	4255.0
蛋白 ID (SwissProt ID)	P16455.Purified recombinant fragment of human MGMT (AA: 32-210) 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)	21.6kDa

研究背景 (Background)

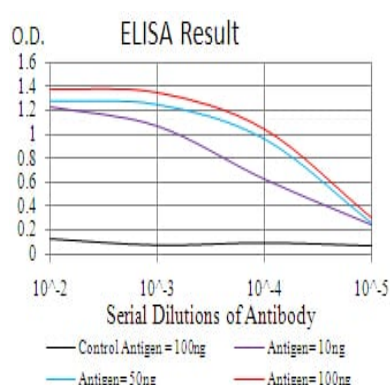
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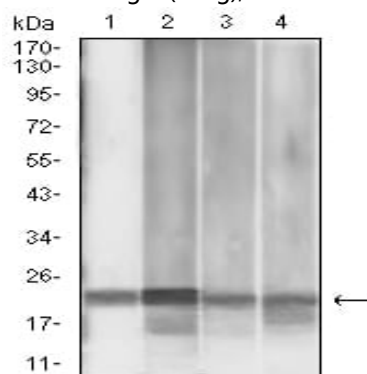
MGMT (O-6-methylguanine-DNA methyltransferase) is a protein-coding gene. Diseases associated with MGMT include oligoastrocytoma, and spinal cord astrocytoma. GO annotations related to this gene include DNA-methyltransferase activity and calcium ion binding.

研究领域 (Research Area)

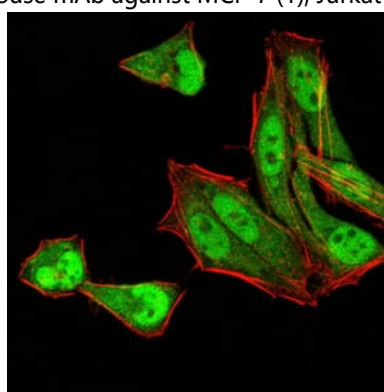
图片 (Image Data)



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



Western blot analysis using MGMT mouse mAb against MCF-7 (1), Jurkat (2), HepG2 (3), and PC-3 (4) cell lysate.

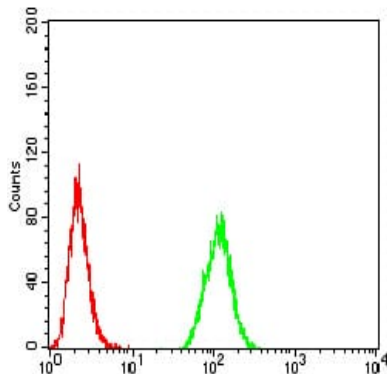


Immunofluorescence analysis of Hela cells using MGMT mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin

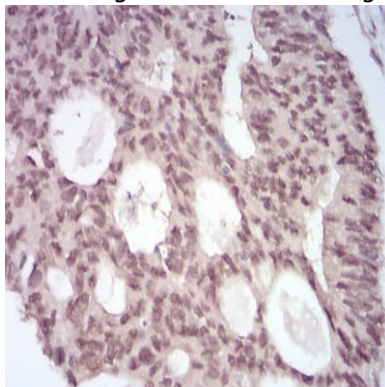
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filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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



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

注意事项 (Note)

For research use only .