

产品名称: MELK Mouse Monoclonal Antibody
产品货号: AMM81141



产品概述 (Summary)

产品名称 (Production Name)	MELK Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	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)	MELK
别名 (Alternative Names)	HPK38
基因 ID (Gene ID)	9833.0
蛋白 ID (SwissProt ID)	Q14680.Synthesized peptide of human MELK(AA: 637-651:CVYKRLVEDILSSCKV).

产品应用 (Application)

稀释比 (Dilution Ratio)	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)	74.6kDa

研究背景 (Background)

Maternal embryonic leucine-zipper kinase (MELK) is a key regulator of survival of stemlike GBM cells in vitro. MELK

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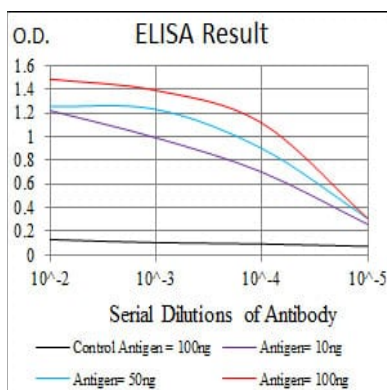


expression is increased in breast cancer tissue and this increase is also associated with poor patient survival, as predicted for a candidate oncogene.

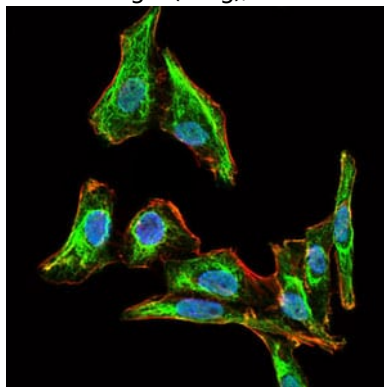
研究领域 (Research Area)

Apoptosis

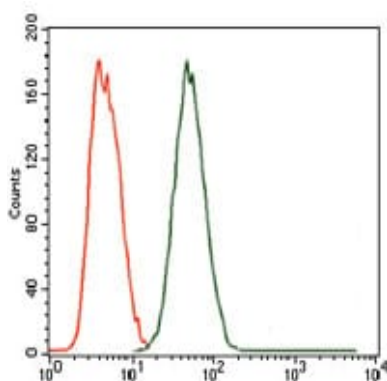
图片 (Image Data)



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

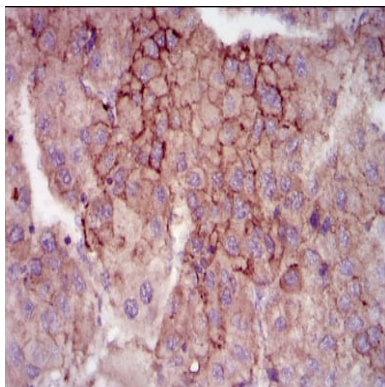


Immunofluorescence analysis of HepG2 cells using MELK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

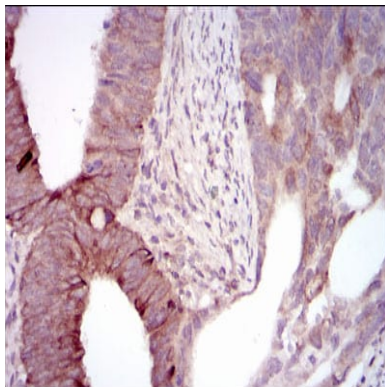


Flow cytometric analysis of MCF-7 cells using MELK mouse mAb (green) and negative control (red).

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



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

注意事项 (Note)

For research use only .