

产品名称: GPNMB Mouse Monoclonal Antibody
产品货号: AMM81237



产品概述 (Summary)

产品名称 (Production Name)	GPNMB Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA
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)	GPNMB
别名 (Alternative Names)	NMB; HGFIN
基因 ID (Gene ID)	10457.0
蛋白 ID (SwissProt ID)	Q14956.Purified recombinant fragment of human GPNMB (AA: 31-260) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	64kDa

研究背景 (Background)

The protein encoded by this gene is a type I transmembrane glycoprotein which shows homology to the pMEL17 precursor,

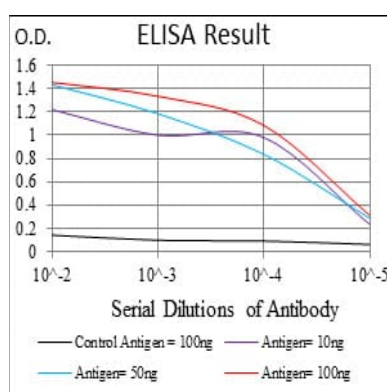
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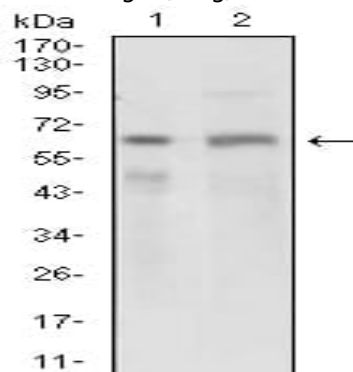
a melanocyte-specific protein. GPNMB shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. GPNMB may be involved in growth delay and reduction of metastatic potential. Two transcript variants encoding different isoforms have been found for this gene.

研究领域 (Research Area)

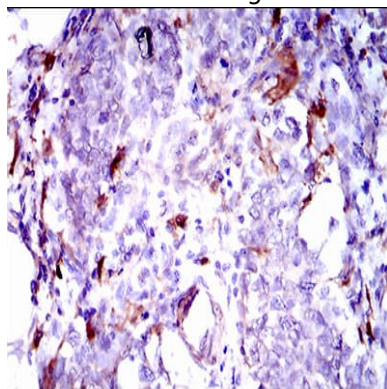
图片 (Image Data)



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



Western blot analysis using GPNMB mouse mAb against PANC1 (1) and PC-3 (2) cell lysate.

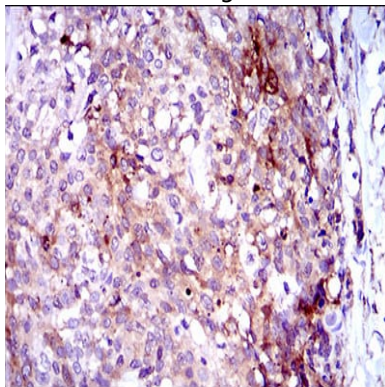


Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using GPNMB mouse mAb with DAB

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staining.



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

注意事项 (Note)

For research use only .