

产品名称: BMP7 Mouse Monoclonal Antibody
产品货号: AMM81555



产品概述 (Summary)

产品名称 (Production Name)	BMP7 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse

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)	BMP7
别名 (Alternative Names)	OP-1
基因 ID (Gene ID)	655.0
蛋白 ID (SwissProt ID)	P18075.Purified recombinant fragment of human BMP7 (AA: 239-431) 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,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	49.3kDa

研究背景 (Background)

The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone

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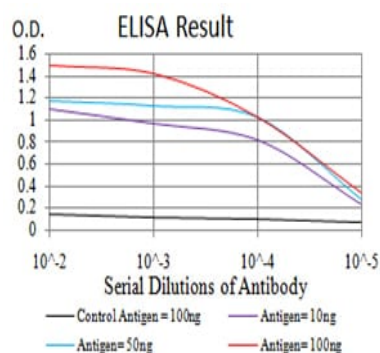


growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity.

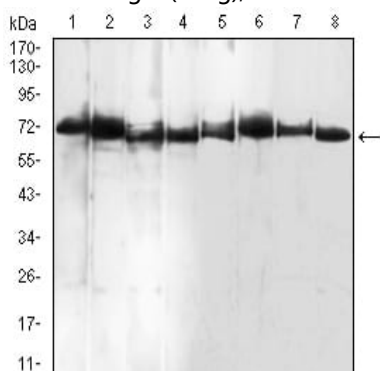
研究领域 (Research Area)

TGF-beta signaling pathway

图片 (Image Data)

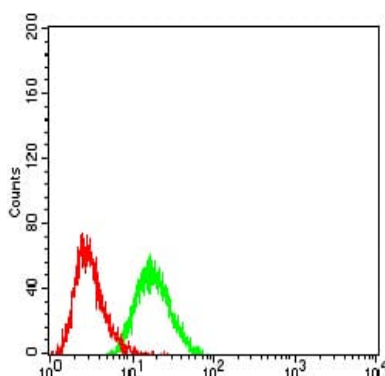


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

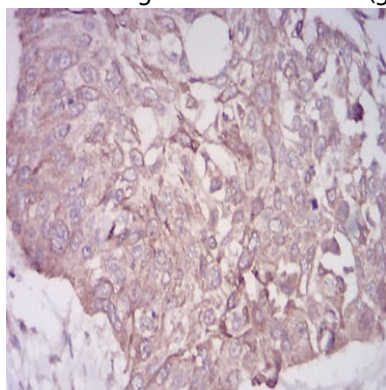


Western blot analysis using BMP7 mouse mAb against Raw264.7 (1), A549 (2), Jurkat (3), PC-3 (4), HEK293 (5), Jurkat (6), NIH/3T3 (7), and Hela (8) cell lysate.

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Flow cytometric analysis of HEK293 cells using BMP7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using BMP7 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .