

产品名称: SPP1 Mouse Monoclonal Antibody
产品货号: AMM81205



产品概述 (Summary)

产品名称 (Production Name)	SPP1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	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)	SPP1
别名 (Alternative Names)	OPN; BNSP; BSPI; ETA-1
基因 ID (Gene ID)	6696.0
蛋白 ID (SwissProt ID)	P10451.Purified recombinant fragment of human SPP1 (AA: 167-314) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:400,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	35.4kDa

研究背景 (Background)

The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded

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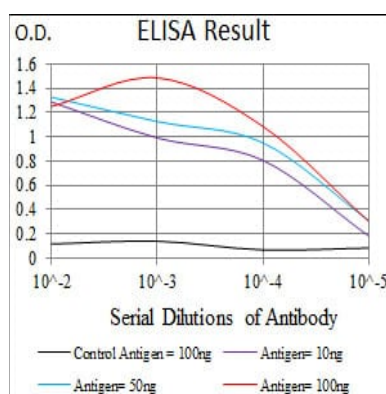


protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene.

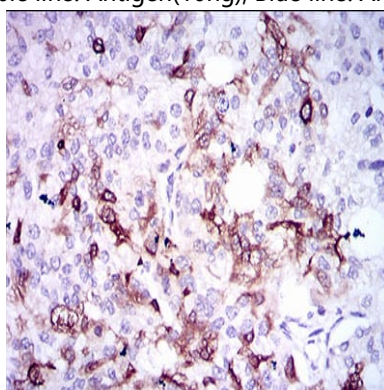
研究领域 (Research Area)

PI3K-Akt signaling pathway

图片 (Image Data)

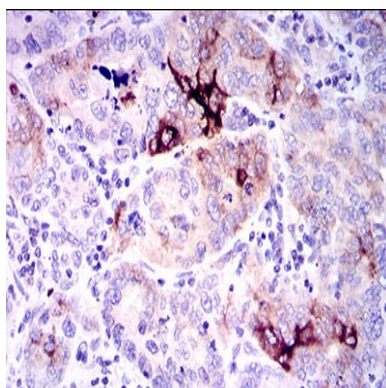


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using SPP1 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using SPP1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .