

产品名称: SP17 Mouse Monoclonal Antibody
产品货号: AMM82461



产品概述 (Summary)

产品名称 (Production Name)	SP17 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,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)	SP17
别名 (Alternative Names)	CT22; SPA17; SP17-1
基因 ID (Gene ID)	53340.0
蛋白 ID (SwissProt ID)	Q15506.Purified recombinant fragment of human SP17 (AA: 1-152) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	17.4 kDa

研究背景 (Background)

This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity to human cAMP-dependent

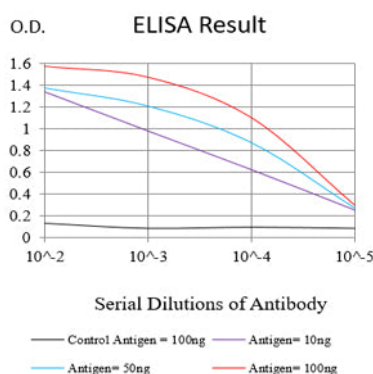
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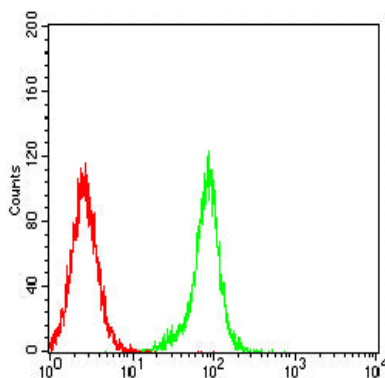
protein kinase A (PKA) type II alpha regulatory subunit (R11a) while the C-terminus has an IQ calmodulin-binding motif. The central portion of the protein has carbohydrate binding motifs and likely functions in cell-cell adhesion. The protein was initially characterized by its involvement in the binding of sperm to the zona pellucida of the oocyte. Recent studies indicate that it is also involved in additional cell-cell adhesion functions such as immune cell migration and metastasis. A retrotransposed pseudogene is present on chromosome 10q22.[provided by RefSeq, Jan 2009]

研究领域 (Research Area)

图片 (Image Data)

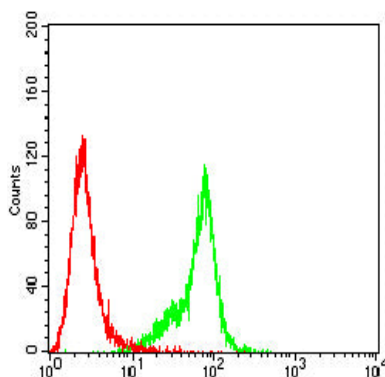


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

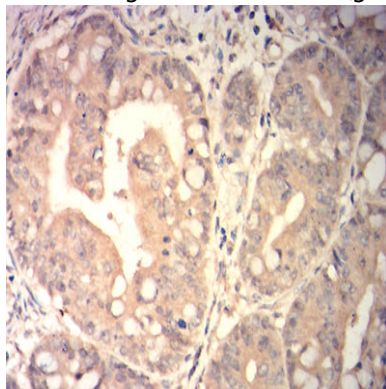


Flow cytometric analysis of SK-OV-3 cells using SP17 mouse mAb (green) and negative control (red).

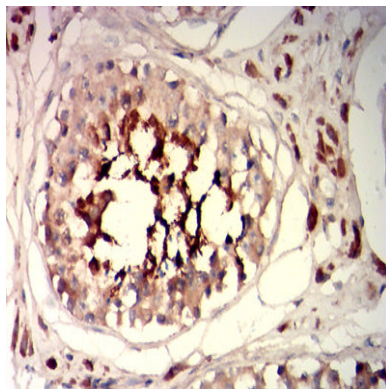
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Flow cytometric analysis of Hela cells using SP17 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using SP17 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human testis tissues using SP17 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .