

产品名称: EPCAM Mouse Monoclonal Antibody
产品货号: AMM81330



产品概述 (Summary)

产品名称 (Production Name)	EPCAM 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,Rat

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)	EPCAM
别名 (Alternative Names)	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1
基因 ID (Gene ID)	4072.0
蛋白 ID (SwissProt ID)	P16422.Purified recombinant fragment of human EPCAM (AA: 24-265) 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)	35kDa

研究背景 (Background)

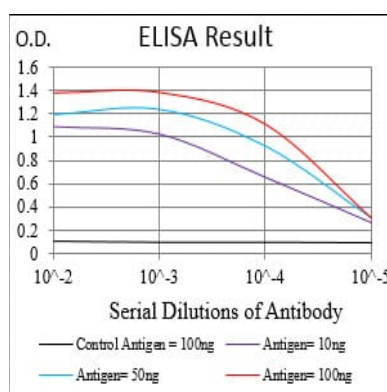
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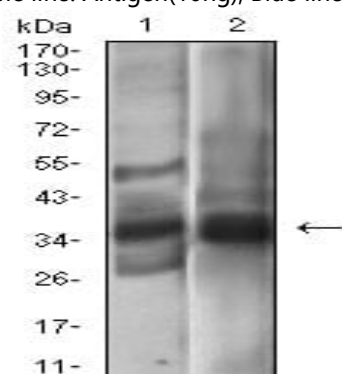
This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy.

研究领域 (Research Area)

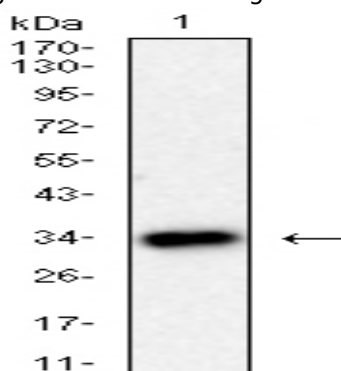
图片 (Image Data)



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



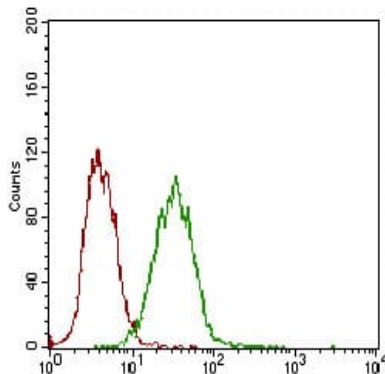
Western blot analysis using EPCAM mouse mAb against A431 (1), MCF-7 (2) cell lysate.



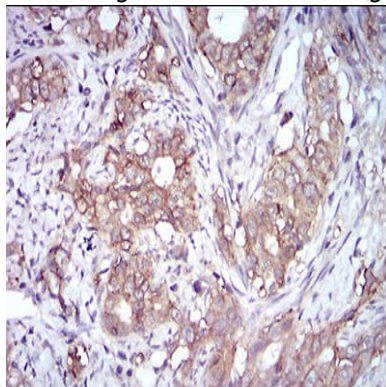
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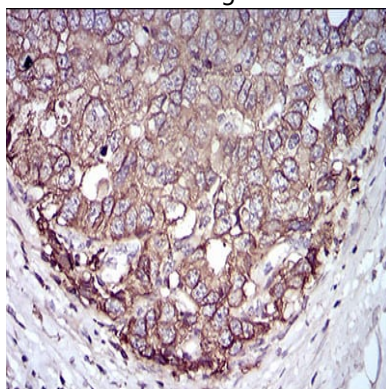
Western blot analysis using EPCAM mouse mAb against PC-12 cell lysate.



Flow cytometric analysis of A431 cells using EPCAM mouse mAb (green) and negative control (red).

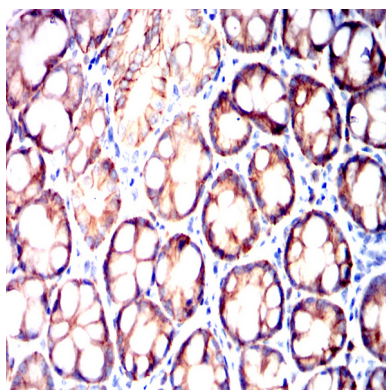


Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using EPCAM mouse mAb with DAB staining.

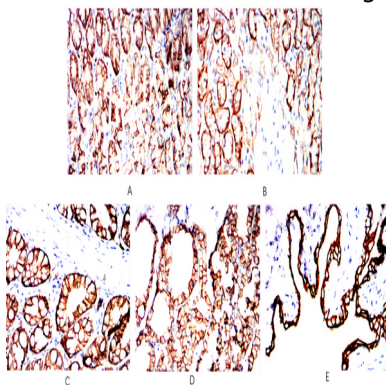


Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using EPCAM mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Mouse colon using EPCAM mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat stomach(A)Rat kidney(B)Rat colon(C)Rat thyroid(D)Rat bladder(E)
using EPCAM mouse mAb with DAB staining.

注意事项 (Note)

For research use only .