

产品名称: EPCAM Mouse Monoclonal Antibody
产品货号: AMM82567



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,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2a
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: extra(116-265)) 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)

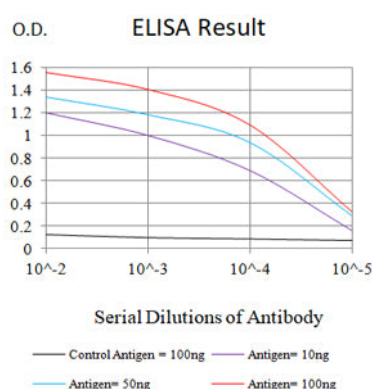
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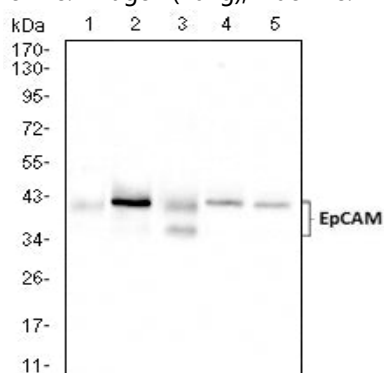
This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008]

研究领域 (Research Area)

图片 (Image Data)

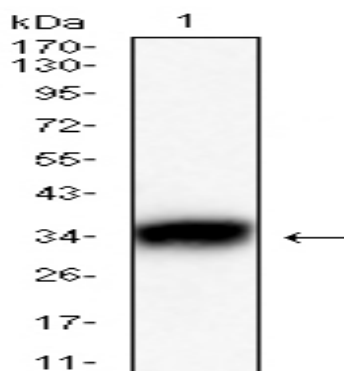


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

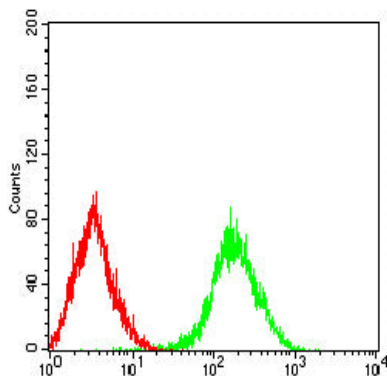


Western blot analysis using EPCAM mouse mAb against HCT116 (1), HT-29 (2),SW480 (3),Sw-620 (4) , and T47D (5) cell lysate.

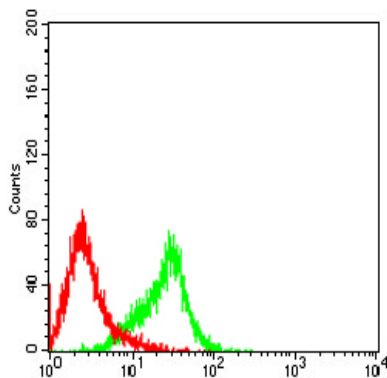
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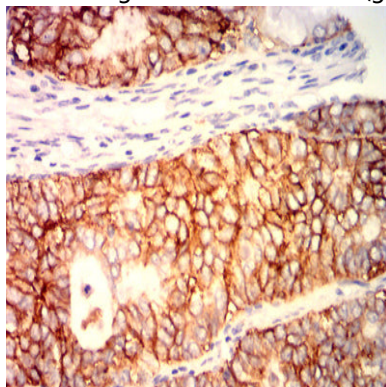
Western blot analysis using EPCAM mouse mAb against PC-12 cell lysate.



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



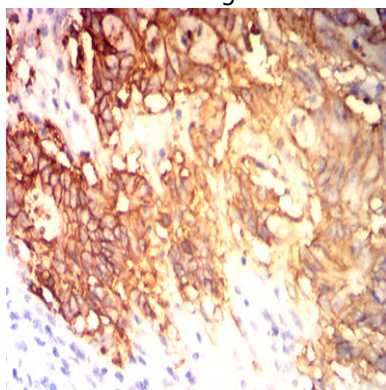
Flow cytometric analysis of COS7 cells using EPCAM mouse mAb (green) and negative control (red).



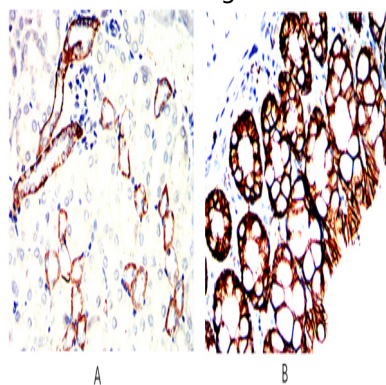
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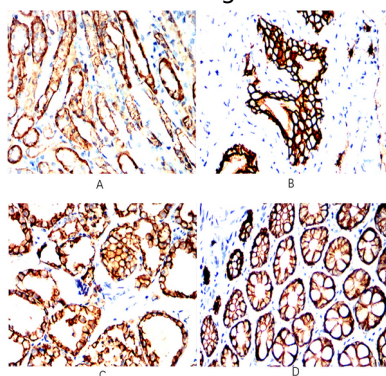
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using EPCAM mouse mAb with DAB staining.



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



Immunohistochemical analysis of paraffin-embedded Mouse kidney(A) Mouse colon(B) using EPCAM mouse mAb with DAB staining.



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

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注意事项 (Note)

For research use only .