

产品名称: CA9 Mouse Monoclonal Antibody
产品货号: AMM80934



产品概述 (Summary)

产品名称 (Production Name)	CA9 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

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)	CA9
别名 (Alternative Names)	MN; CAIX; CA9
基因 ID (Gene ID)	768.0
蛋白 ID (SwissProt ID)	Q16790 .Purified recombinant fragment of human CA9 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)	50kDa

研究背景 (Background)

CA IX is a transmembrane protein and the only tumor-associated carbonic anhydrase isoenzyme known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in

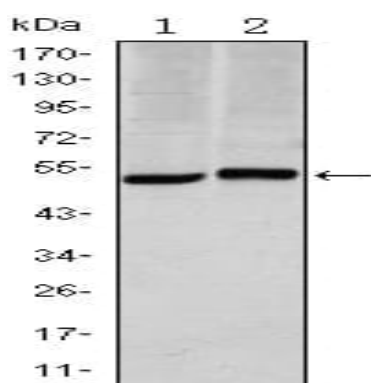
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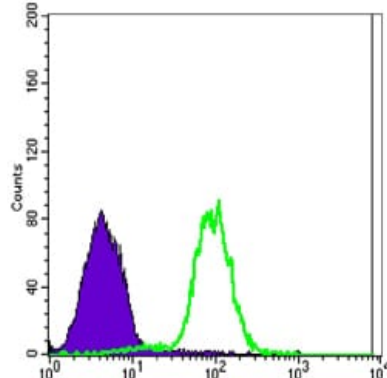
cell proliferation and transformation. Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia. Tissue specificity: Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa.

研究领域 (Research Area)

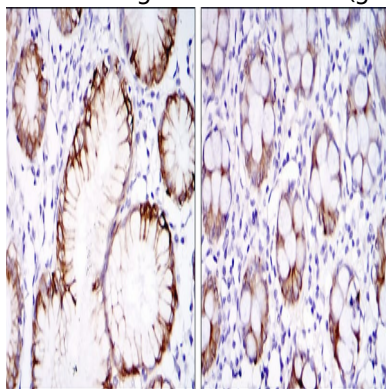
图片 (Image Data)



Western blot analysis using CA9 mouse mAb against Hela (1) and A549 (2) cell lysate.



Flow cytometric analysis of NTERA-2 cells using CA9 mouse mAb (green) and negative control (purple).



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Immunohistochemical analysis of paraffin-embedded human stomach tissues (left) and colon tissues (right) using CA9 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .