

产品名称: GUCY1A3 Mouse Monoclonal Antibody
产品货号: AMM83053



产品概述 (Summary)

产品名称 (Production Name)	GUCY1A3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,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)	GUCY1A3
别名 (Alternative Names)	GUCA3; GC-SA3; GUC1A3; GUCSA3; GUCY1A1
基因 ID (Gene ID)	2982.0
蛋白 ID (SwissProt ID)	Q02108 .Purified recombinant fragment of human GUCY1A3 (AA: 22-214) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	77.5kDa

研究背景 (Background)

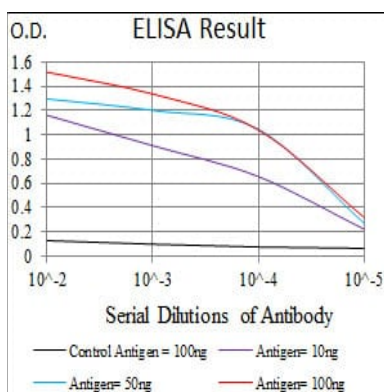
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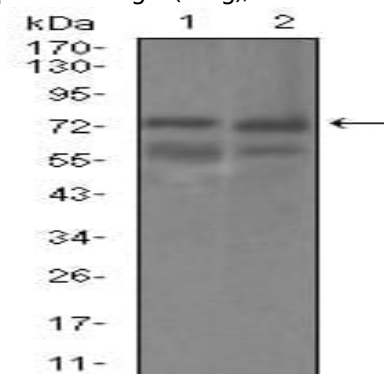
Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene.

研究领域 (Research Area)

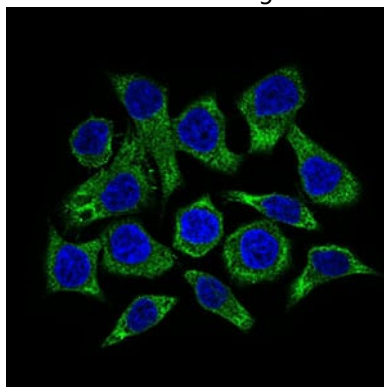
图片 (Image Data)



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



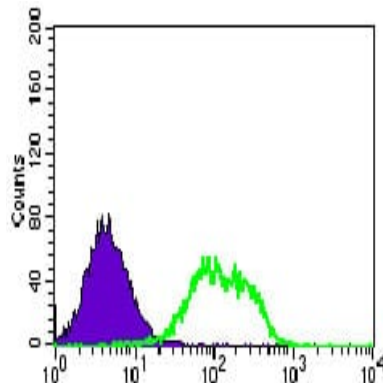
Western blot analysis using GUCY1A3 mouse mAb against HEK293 (1) and Raji (2) cell lysate.



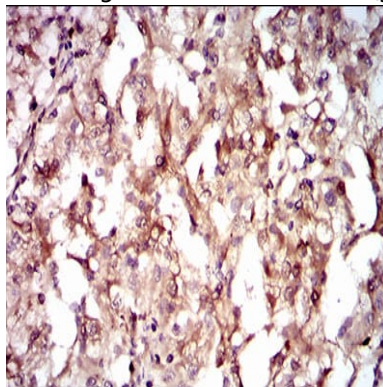
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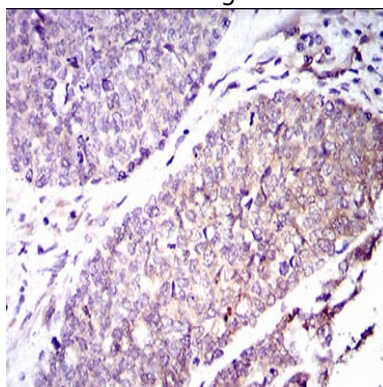
Immunofluorescence analysis of HepG2 cells using GUCY1A3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HEK293 cells using GUCY1A3 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human renal cancer tissues using GUCY1A3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using GUCY1A3 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .