

产品名称: GPC3 Mouse Monoclonal Antibody
产品货号: AMM81139



产品概述 (Summary)

产品名称 (Production Name)	GPC3 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)	GPC3
别名 (Alternative Names)	SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2
基因 ID (Gene ID)	2719.0
蛋白 ID (SwissProt ID)	P51654.Purified recombinant fragment of human GPC3 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)	65.5kDa

研究背景 (Background)

Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family

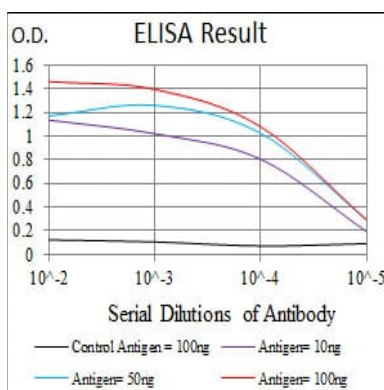
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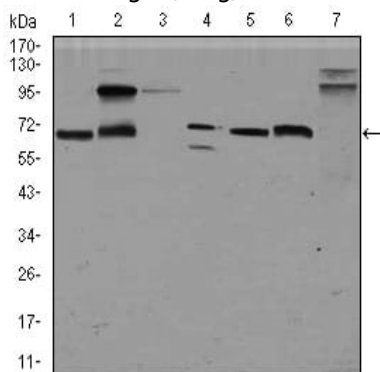
(GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants.

研究领域 (Research Area)

图片 (Image Data)

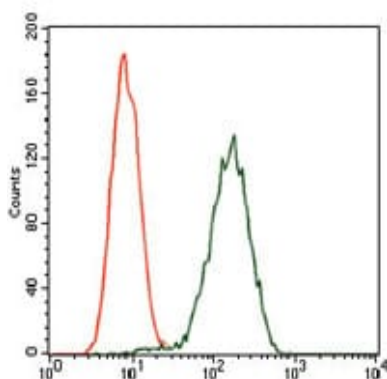


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

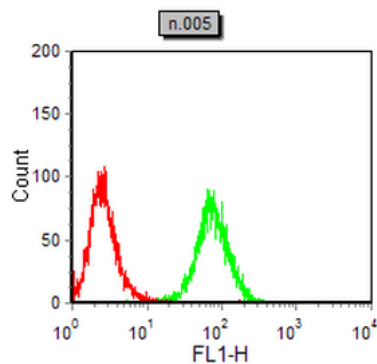


Western blot analysis using GPC3 mouse mAb against HepG2 (1), HEK293 (2), Jurkat (3), SK-N-SH (4), PC-12 (5), F9 (6) and Mouse liver (7) cell lysate.

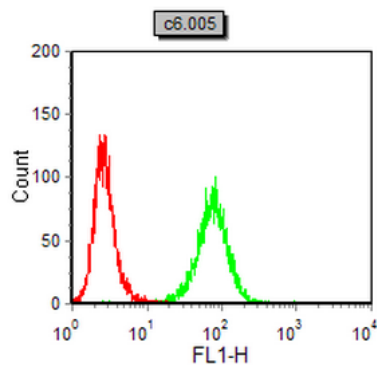
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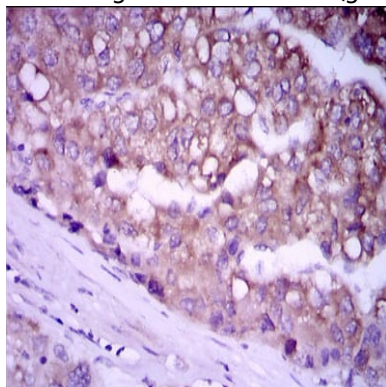
Flow cytometric analysis of Jurkat cells using GPC3 mouse mAb (green) and negative control (red).



Flow cytometric analysis of NIH/3T3 cells using GPC3 mouse mAb (green) and negative control (red).



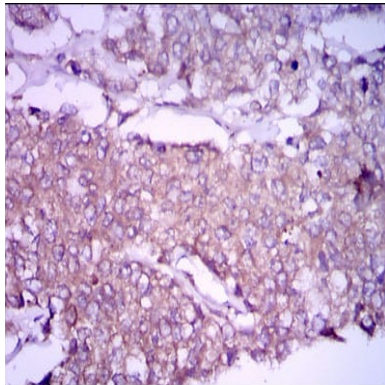
Flow cytometric analysis of C6 cells using GPC3 mouse mAb (green) and negative control (red).



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Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using GPC3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using GPC3 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .