

产品名称: MUC2 Mouse Monoclonal Antibody
产品货号: AMM82465



产品概述 (Summary)

产品名称 (Production Name)	MUC2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	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)	MUC2
别名 (Alternative Names)	MLP; SMUC; MUC-2
基因 ID (Gene ID)	4583.0
蛋白 ID (SwissProt ID)	Q02817.Purified recombinant fragment of human MUC2 (AA: 4373-4557) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	540kDa

研究背景 (Background)

This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by

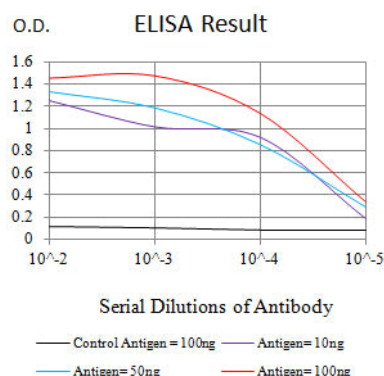
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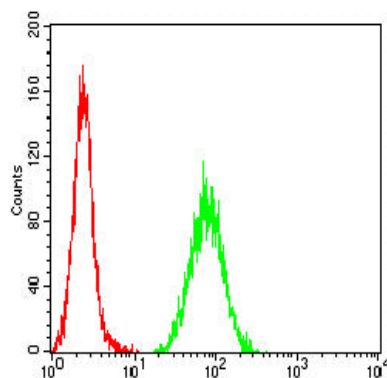
many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80% is composed of oligosaccharide side chains by weight. The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Downregulation of this gene has been observed in patients with Crohn disease and ulcerative colitis.

研究领域 (Research Area)

图片 (Image Data)

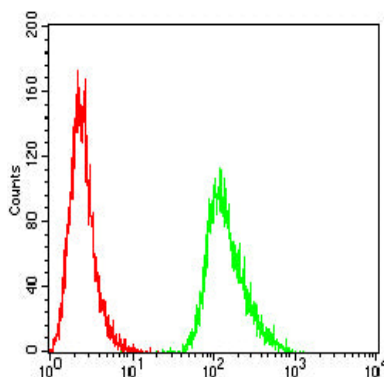


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

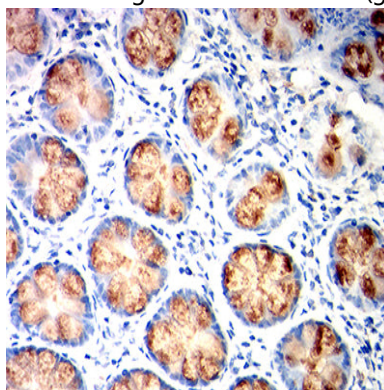


Flow cytometric analysis of HeLa cells using MUC2 mouse mAb (green) and negative control (red).

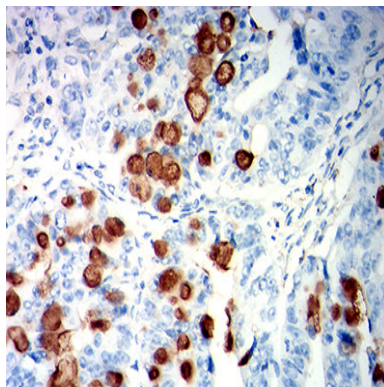
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Flow cytometric analysis of HepG2 cells using MUC2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon tissues using MUC2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using MUC2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .