

产品名称: PDGFA Mouse Monoclonal Antibody
产品货号: AMM82975



产品概述 (Summary)

产品名称 (Production Name)	PDGFA 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, Mouse

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)	PDGFA
别名 (Alternative Names)	PDGF1; PDGF-A
基因 ID (Gene ID)	5154.0
蛋白 ID (SwissProt ID)	P04085.Purified recombinant fragment of human PDGFA (AA: 87-211) 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)	24KDa

研究背景 (Background)

This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular

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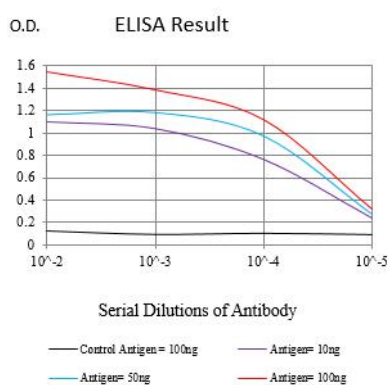


endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit A, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit B. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Alternative splicing results in multiple transcript variants.

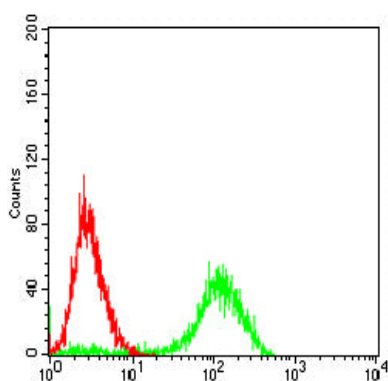
研究领域 (Research Area)

TGF-beta signaling pathway, PI3K-Akt signaling pathway, MAPK signaling pathway

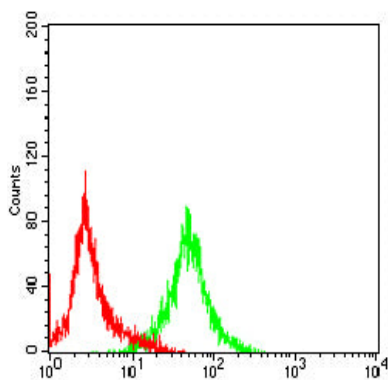
图片 (Image Data)



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



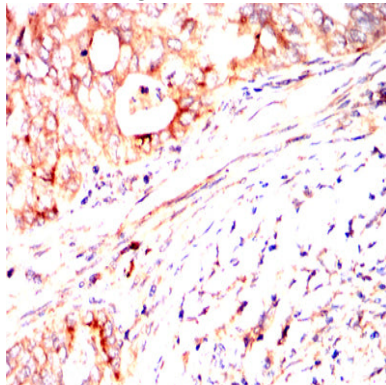
Flow cytometric analysis of Hela cells using PDGFA mouse mAb (green) and negative control (red).



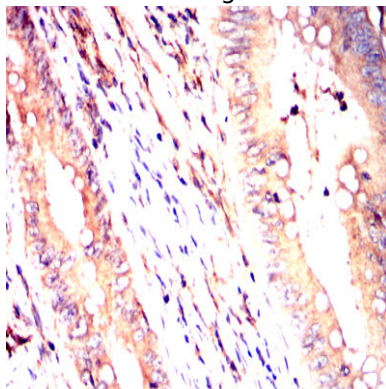
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Flow cytometric analysis of NIH/3T3 cells using PDGFA mouse mAb (green) and negative control (red).



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



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

注意事项 (Note)

For research use only .