

产品名称: CD140a Mouse Monoclonal Antibody
产品货号: AMM82029



产品概述 (Summary)

产品名称 (Production Name)	CD140a 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 IgG2a
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)	CD140a
别名 (Alternative Names)	PDGFRA; PDGFR2; PDGFR-2
基因 ID (Gene ID)	5156.0
蛋白 ID (SwissProt ID)	P16234.Purified recombinant fragment of human CD140a (AA: extra 179-361) 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)	122.6kDa

研究背景 (Background)

This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These

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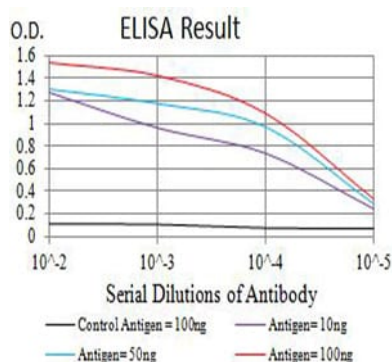


growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

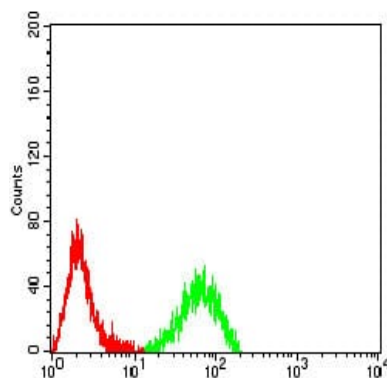
研究领域 (Research Area)

PI3K-Akt signaling pathway, Hippo signaling pathway

图片 (Image Data)

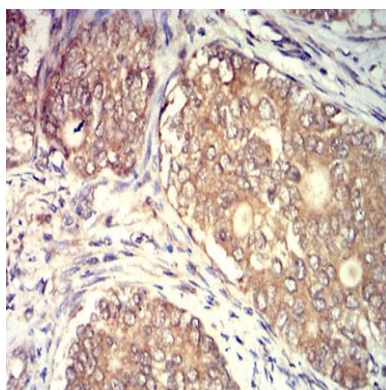


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Flow cytometric analysis of Raji cells using CD140a mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD140a mouse mAb with DAB staining.

注意事项 (Note)

For research use only .