

产品名称: FGFR3 Mouse Monoclonal Antibody
产品货号: AMM81463



产品概述 (Summary)

产品名称 (Production Name)	FGFR3 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)	FGFR3
别名 (Alternative Names)	ACH; CEK2; JTK4; CD333; HSGFR3EX
基因 ID (Gene ID)	2261.0
蛋白 ID (SwissProt ID)	P22607.Purified recombinant fragment of human FGFR3 (AA: 529-694) 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)	87.7kDa

研究背景 (Background)

This gene encodes a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being

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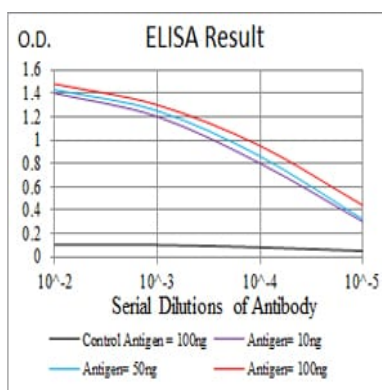


highly conserved between members and among divergent species. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene lead to craniosynostosis and multiple types of skeletal dysplasia. Three alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Jul 2009]

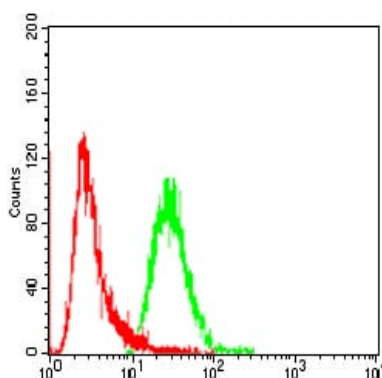
研究领域 (Research Area)

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

图片 (Image Data)

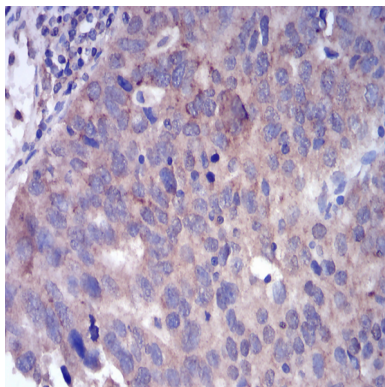


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

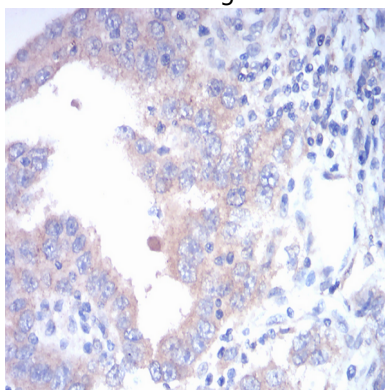


Flow cytometric analysis of A549 cells using FGFR3 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using FGFR3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using FGFR3 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .