

产品名称: FGFR1 Mouse Monoclonal Antibody
产品货号: AMM80752



产品概述 (Summary)

产品名称 (Production Name)	FGFR1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	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 IgG2b
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)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	FGFR1
别名 (Alternative Names)	CEK; FLG; OGD; FLT2; KAL2; BFGFR; CD331; FGFBR; HBGFR
基因 ID (Gene ID)	2260.0
蛋白 ID (SwissProt ID)	P11362.Purified recombinant extracellular fragment of human FGFR1 (aa22-376) fused with hIgGFc tag expressed in HEK293 cells.

产品应用 (Application)

稀释比 (Dilution Ratio)	ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	92kDa

研究背景 (Background)

Fibroblast growth factor receptor 1 (FGFR1), also known as basic fibroblast growth factor receptor 1, fms-related tyrosine

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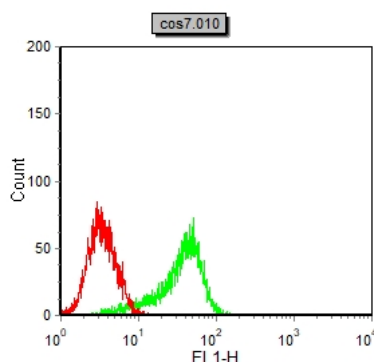


kinase-2 / Pfeiffer syndrome, and CD331, is a receptor tyrosine kinase whose ligands are specific members of the fibroblast growth factor family. FGFR1 has been shown to be associated with Pfeiffer syndrome. It is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists 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 both acidic and basic fibroblast growth factors and is involved in limb induction.

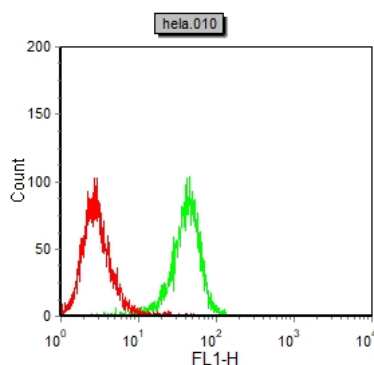
研究领域 (Research Area)

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

图片 (Image Data)

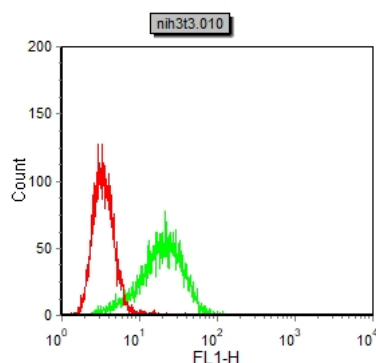


Flow cytometric analysis of COS7 cells using FGFR1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of hela cells using FGFR1 mouse mAb (green) and negative control (red).

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Flow cytometric analysis of NIH3T3 cells using FGFR1 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .