



产品详情

FGF2(19T17)Rabbit Monoclonal Antibody

产品货号	产品名称	储存条件	保质期
IM35078	FGF2(19T17)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM35078
纯度	Affinity-chromatography
别名	Basic fibroblast growth factor;BFGF;FGF2;FGF2 basic;FGF2;FGFB; Fibroblast growth factor 2(basic);HBGF2;
产品名称	FGF2(19T17)Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	FGF2
蛋白名称	FGFB
Clonality	Monoclonal
推荐应用	WB, IF-ICC, FCM, IP
反应种属	Human, Mouse
存储缓冲液	Supplied in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	2247
Human Swissprot No.	P09038

免疫原	Recombinant protein of human FGF2
稀释度	WB 1:1000, IF-ICC 1:200-1:500, FCM 1:200-1:500, IP 1:20-1:50
参考分子量	19kDa
预测分子量	31kDa
宿主	Rabbit
同种型	IgG
组织表达	Expressed in granulosa and cumulus cells. Expressed in hepatocellular carcinoma cells, but not in non-cancerous liver tissue.
细胞定位	Secreted. Nucleus. Note=Exported from cells by an endoplasmic reticulum(ER)/Golgi-independent mechanism. Unconventional secretion of FGF2 occurs by direct translocation across the plasma membrane(PubMed:20230531). Binding of exogenous FGF2 to FGFR facilitates endocytosis followed by translocation of FGF2 across endosomal membrane into the cytosol(PubMed:22321063). Nuclear import from the cytosol requires the classical nuclear import machinery, involving proteins KPNA1 and KPNB1, as well as CEP57(PubMed:22321063)
功能	Acts as a ligand for FGFR1, FGFR2, FGFR3 and FGFR4(PubMed:8663044). Also acts as an integrin ligand which is required for FGF2 signaling(PubMed:28302677). Binds to integrin ITGAV:ITGB3(PubMed:28302677). Plays an important role in the regulation of cell survival, cell division, cell differentiation and cell migration(PubMed:8663044, PubMed:28302677). Functions as a potent mitogen in vitro(PubMed:1721615, PubMed:3964259, PubMed:3732516). Can induce angiogenesis(PubMed:23469107, PubMed:28302677). Mediates phosphorylation of ERK1/2 and thereby promotes retinal lens fiber

功能

differentiation (PubMed:29501879).

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