

产品名称: BMPR1A Mouse Monoclonal Antibody
产品货号: AMM83018



产品概述 (Summary)

产品名称 (Production Name)	BMPR1A 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)	BMPR1A
别名 (Alternative Names)	ALK3; SKR5; CD292; ACVRLK3; 10q23del
基因 ID (Gene ID)	657.0
蛋白 ID (SwissProt ID)	P36894.Purified recombinant fragment of human BMPR1A (AA: 179-378) 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)	60kDa

研究背景 (Background)

The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the

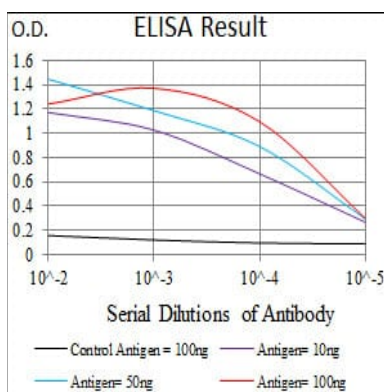
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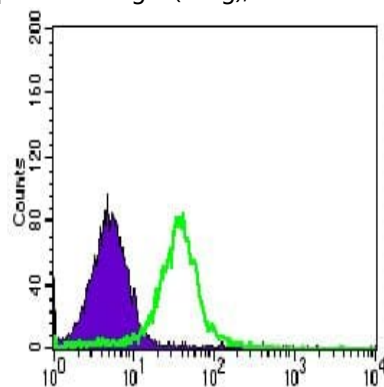
type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding.

研究领域 (Research Area)

图片 (Image Data)

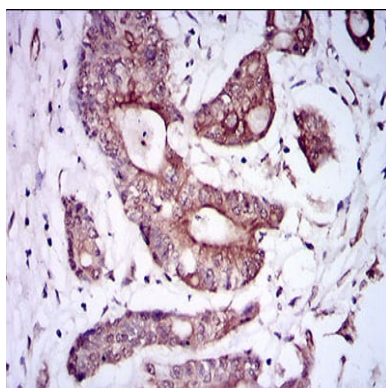


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

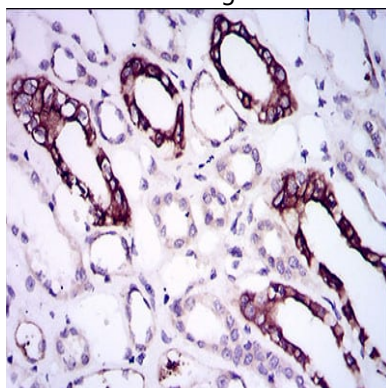


Flow cytometric analysis of Jurkat cells using BMPR1A mouse mAb (green) and negative control (purple).

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Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using BMPR1A mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney tissues using BMPR1A mouse mAb with DAB staining.

注意事项 (Note)

For research use only .