

产品名称: PKD1 Rat Monoclonal Antibody
产品货号: AMR81426



产品概述 (Summary)

产品名称 (Production Name)	PKD1 Rat Monoclonal Antibody
描述 (Description)	Rat monoclonal antibody
宿主 (Host)	Rat
应用 (Application)	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)	Rat 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)	PKD1
别名 (Alternative Names)	PC1; Mflj00285
基因 ID (Gene ID)	18763.0
蛋白 ID (SwissProt ID)	O08852 .Purified recombinant fragment of mouse PKD1 (AA: 3682-3873) expressed in E. Coli.

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)	466kDa

研究背景 (Background)

Involved in renal tubulogenesis. Involved in fluid-flow mechanosensation by the primary cilium in renal epithelium. Acts as

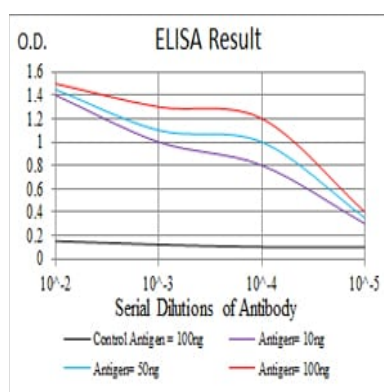
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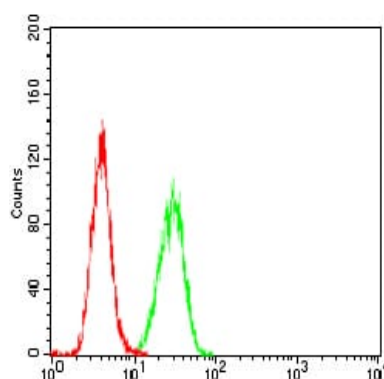
a regulator of cilium length, together with PKD2. The dynamic control of cilium length is essential in the regulation of mechanotransductive signaling. The cilium length response creates a negative feedback loop whereby fluid shear-mediated deflection of the primary cilium, which decreases intracellular cAMP, leads to cilium shortening and thus decreases flow-induced signaling. May be an ion-channel regulator. Involved in adhesive protein-protein and protein-carbohydrate.

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 Hela cells using PKD1 Rat mAb (green) and negative control (red).

注意事项 (Note)

For research use only .