

产品名称: ATP6V0A4 Mouse Monoclonal Antibody
产品货号: AMM82886



产品概述 (Summary)

产品名称 (Production Name)	ATP6V0A4 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)	ATP6V0A4
别名 (Alternative Names)	A4; STV1; VPH1; VPP2; DRTA3; RTA1C; RTADR; ATP6N2; RDRTA2; ATP6N1B
基因 ID (Gene ID)	50617.0
蛋白 ID (SwissProt ID)	Q9HBG4.Purified recombinant fragment of human ATP6V0A4 (AA: 228-390) 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)	96.3kDa

研究背景 (Background)

This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of

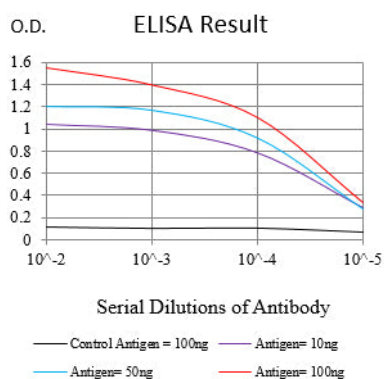
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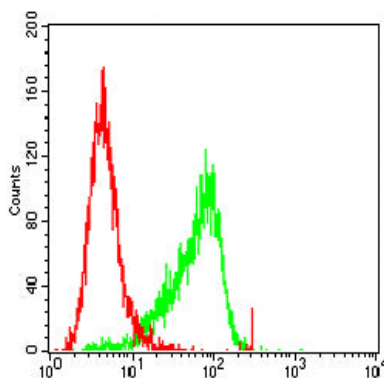
intracellular compartments of eukaryotic cells. V-ATPase dependent acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', and d. This gene is one of four genes in man and mouse that encode different isoforms of the a subunit. Alternatively spliced transcript variants encoding the same protein have been described. Mutations in this gene are associated with renal tubular acidosis associated with preserved hearing.

研究领域 (Research Area)

图片 (Image Data)

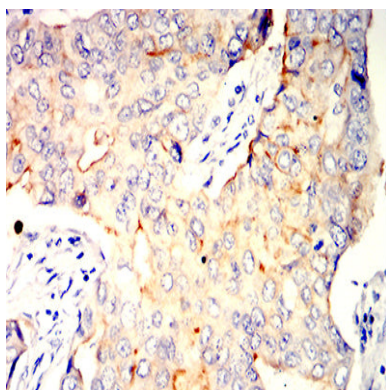


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

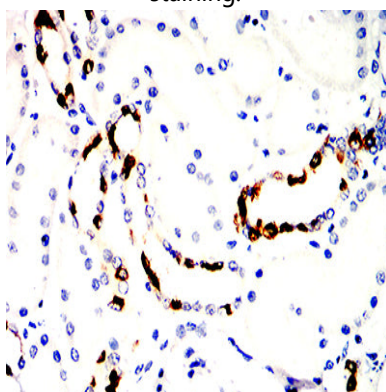


Flow cytometric analysis of Hela cells using ATP6V0A4 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using ATP6V0A4 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney tissues using ATP6V0A4 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .