

产品名称: AKT1S1 Mouse Monoclonal Antibody
产品货号: AMM82311



产品概述 (Summary)

产品名称 (Production Name)	AKT1S1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC, ELISA
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)	AKT1S1
别名 (Alternative Names)	Lobe; PRAS40
基因 ID (Gene ID)	84335.0
蛋白 ID (SwissProt ID)	Q96B36. Purified recombinant fragment of human AKT1S1 (AA: 92-276) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000, ICC 1:100-1:500, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	27.4kDa

研究背景 (Background)

AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when

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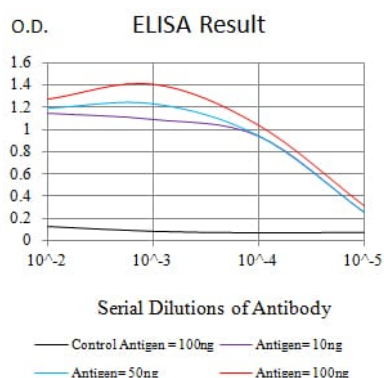


phosphorylated (Kovacina et al., 2003 [PubMed 12524439]).

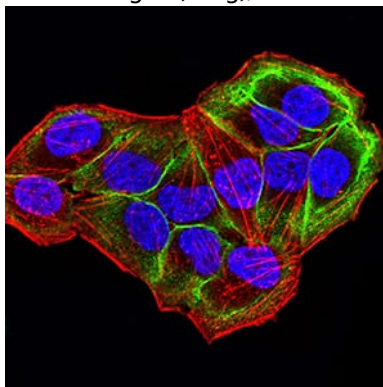
研究领域 (Research Area)

mTOR signaling pathway

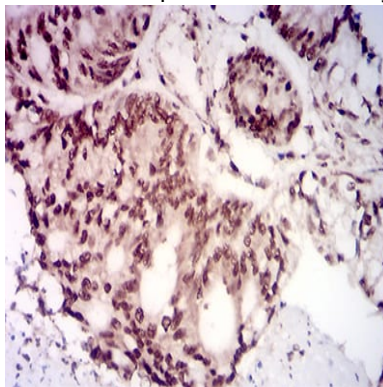
图片 (Image Data)



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

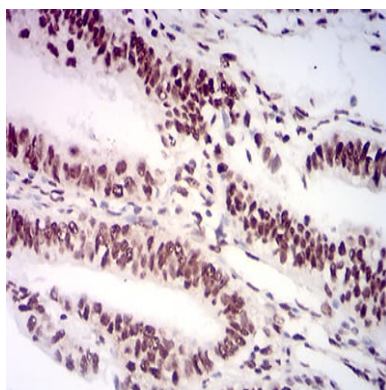


Immunofluorescence analysis of HeLa cells using AKT1S1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using AKT1S1 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using AKT1S1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .