产品名称：RICTOR Mouse Monoclonal Antibody
产品货号：AMM80883

产品概述（Summary）

产品名称（Production Name）	RICTOR Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	WB,IHC,ICC,ELISA,FC
种属反应性（Reactivity）	Human,Mouse,Monkey

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）	RICTOR
别名（Alternative Names）	PIA; mAVO3; KIAA1999; MGC39830; DKFZp686B11164; RICTOR
基因 ID（Gene ID）	253260.0
蛋白 ID（SwissProt ID）	Q6R327.Purified recombinant fragment of human RICTOR expressed in E. Coli.

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量（Molecular Weight）	192kDa

研究背景（Background）

Cell growth is a fundamental biological process whereby cells accumulate mass and increase in size. The mammalian TOR

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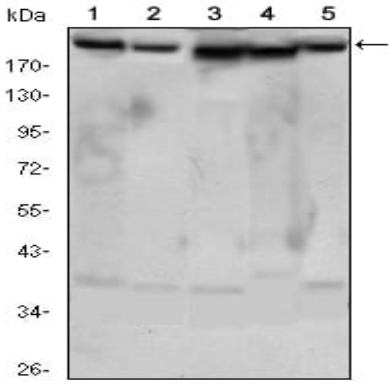
(mTOR) pathway regulates growth by coordinating energy and nutrient signals with growth factor-derived signals . mTOR is a large protein kinase with two different complexes. One complex contains mTOR, G

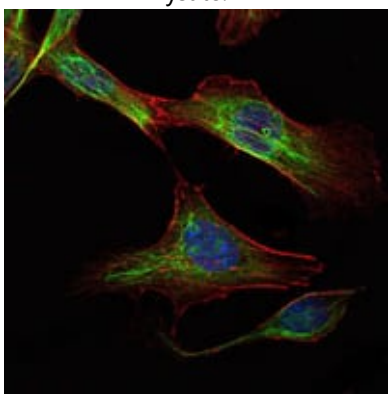
研究领域（Research Area）

mTOR signaling pathway

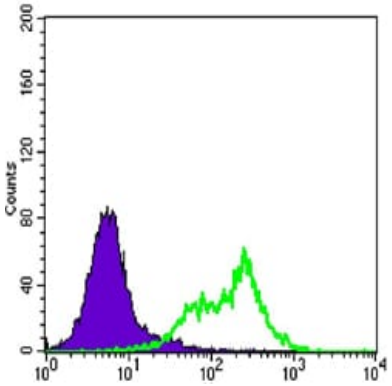
图片（Image Data）



Western blot analysis using RICTOR mouse mAb against Hela (1), PANC-1 (2), MOLT4 (3), HepG2 (4) and HEK293 (5) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using RICTOR mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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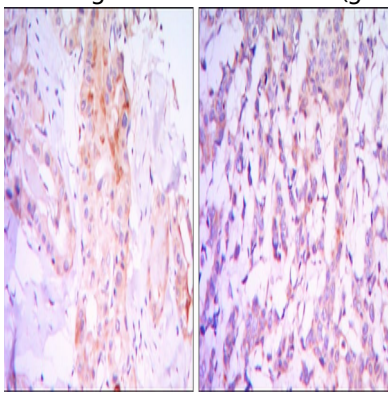
Flow cytometric analysis of Hela cells using RICTOR mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human thyroid gland tissues (left) and human breast carcinoma (right) using RICTOR mouse mAb with DAB staining.

注意事项（Note）

For research use only .