Product Name: **RICTOR Mouse Monoclonal Antibody**
Catalog #: **AMM80883**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Mouse,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

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
Molecular Weight	192kDa

Antigen Information

Gene Name	RICTOR
Alternative Names	PIA; mAVO3; KIAA1999; MGC39830; DKFZp686B11164; RICTOR
Gene ID	253260.0
SwissProt ID	Q6R327
Immunogen	Purified recombinant fragment of human RICTOR expressed in E. Coli.

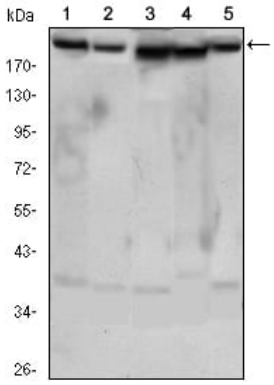
Background

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

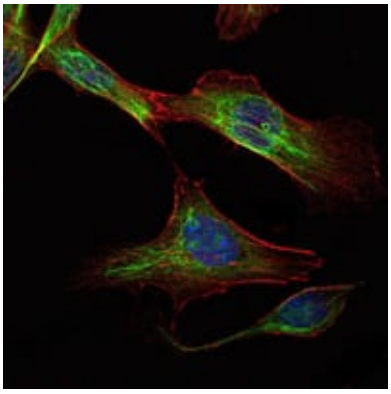
Research Area

mTOR signaling pathway

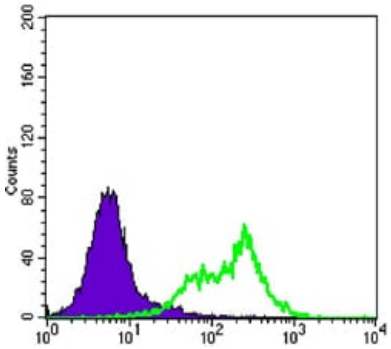
Image Data



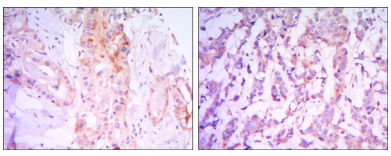
Western blot analysis using RICTOR mouse mAb against Hela (1), PANC-1 (2), MOLT4 (3), HepG2 (4) and HEK293 (5) cell lysate.



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.



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.