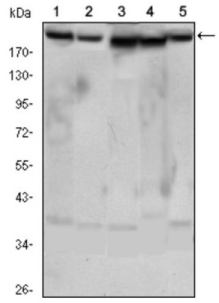
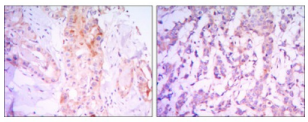
Rapamycin-Insensitive Companion of mTOR (RICTOR) Antibody

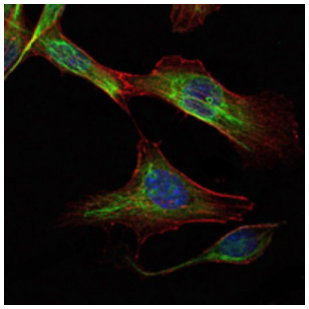
Catalogue No.:abx010553



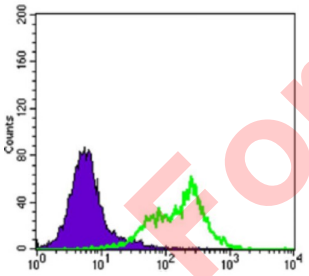
Western blot analysis using RICTOR antibody against Hela (1), PANC-1 (2), MOLT4 (3), HepG2 (4) and HEK293 (5) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using RICTOR antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



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



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

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.

Target:	Rapamycin-Insensitive Companion of mTOR (RICTOR)
Clonality:	Monoclonal

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Reactivity:	Human, Monkey, Mouse
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human RICTOR expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q6R327 (UniProt, ExPASy)
Gene Symbol:	RICTOR
GeneID:	253260
OMIM:	609022
HGNC:	28611
KEGG:	hsa:253260
Ensembl:	ENSG00000164327
String:	9606.ENSP00000296782
Molecular Weight:	192 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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