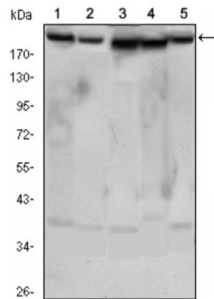


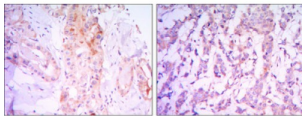
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## RPTOR Independent Companion of MTOR Complex 2 (RICTOR) Antibody

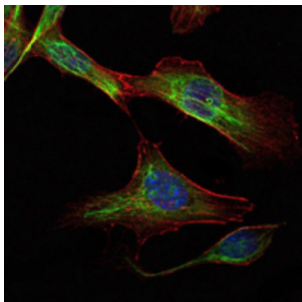
Catalogue No.: abx010553



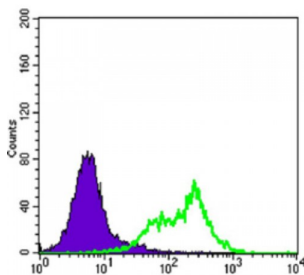
Western blot analysis using RICTOR antibody against HeLa (1), PANC-1 (2), MOLT4 (3), HepG2 (4) and HEK293 (5) cell lysate.



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

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**Reactivity:** Human, Monkey, Mouse

**Host:** Mouse

**Clonality:** Monoclonal

**Tested Applications:** ELISA, WB, IHC, IF/ICC, FCM

**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.

**Immunogen:** Purified recombinant fragment of human RICTOR expressed in E. Coli.

**Purification:** Unpurified Ascites.

**Isotype:** IgG<sub>1</sub>

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Molecular Weight:** 192 kDa

**Swiss Prot:** [Q6R327](#)

**GeneID:** [253260](#)

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Note:** This product is for research use only.