

Mouse Rictor Monoclonal Antibody | anti-Rictor antibody

Rictor Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320216	Mouse	Human, Mouse, Monkey	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Rictor; Monoclonal Antibody; Rictor Monoclonal Antibody; Rapamycin-insensitive companion of mTOR; RICTOR; KIAA1999; AVO3 homolog; hAVO3; anti-Rictor antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Monkey
Clonality	Monoclonal
Specificity	Rictor Monoclonal Antibody detects endogenous levels of Rictor protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Rictor antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Rictor expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



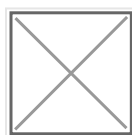
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells using Rictor Monoclonal Antibody (green) and negative control (purple).



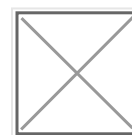
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded thyroid gland tissues (left) and human breast carcinoma (right) with DAB staining using Rictor Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using Rictor Monoclonal Antibody against HeLa (1). PANC-1 (2). MOLT4 (3). HepG2 (4) and HEK293 (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Rictor antibody	RICTOR and MTOR (FRAP1; MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbasov et al., 2004 [PubMed 15268862]).[supplied by OMIM, Mar 2008]
Product Categories/Family for anti-Rictor antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	59891448
NCBI GeneID	253260
NCBI Accession #	NP_689969.2
NCBI GenBank Nucleotide #	NM_152756.4
UniProt Accession #	Q6R327; Q68DT5; Q86UB7; Q8N3A0; Q8NCM6; B2RNX0; B7ZMF7
Molecular Weight	195,011 Da
NCBI Official Full Name	rapamycin-insensitive companion of mTOR isoform 1
NCBI Official Synonym Full Names	RPTOR independent companion of MTOR, complex 2
NCBI Official Symbol	RICTOR
NCBI Official Synonym Symbols	PIA; AVO3; hAVO3
NCBI Protein Information	rapamycin-insensitive companion of mTOR; RICTOR; pianissimo; AVO3 homolog; TORC2-specific protein AVO3
UniProt Protein Name	Rapamycin-insensitive companion of mTOR
UniProt Gene Name	RICTOR
UniProt Synonym Gene Names	hAVO3
UniProt Entry Name	RICTR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.