



RICTR mouse mAb

Catalog No	YP-mAb-04364
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RICTOR KIAA1999
Immunogen	Synthesized peptide derived from human RICTR
Specificity	This antibody detects endogenous levels of Human,Mouse,Monkey RICTR
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AVO3 homolog;hAVO3;KIAA1999;Rapamycin-insensitive companion of mTOR; RICTR;RICTOR KIAA1999;Rapamycin-insensitive companion of mTOR (AVO3 homolog;hAVO3)
Observed Band	192 kDa
Calculated Molecular Weight	192 kDa
Cell Pathway	
Tissue Specificity	
Function	function:Plays an essential role in embryonic growth and development (By similarity). Part of the TORC2 complex which plays a critical role in AKT1 'Ser-473' phosphorylation, and may modulate the phosphorylation of PKCA and regulate actin cytoskeleton organization.,similarity:Belongs to the pianissimo family.,subunit:Forms part of the target of rapamycin 2 complex (TORC2) comprised of FRAP1, LST8, PROTOR1, RICTOR and MAPKAP1. TORC2 does not bind to and is not sensitive to FKBP12-rapamycin. Binds directly to FRAP1 and PROTOR1 within the TORC2 complex. May interact with PROTOR2.,

**Background**

RICTOR and MTOR (FRAP1; MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbassov et al., 2004 [PubMed 15268862]).[supplied by OMIM, Mar 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images