

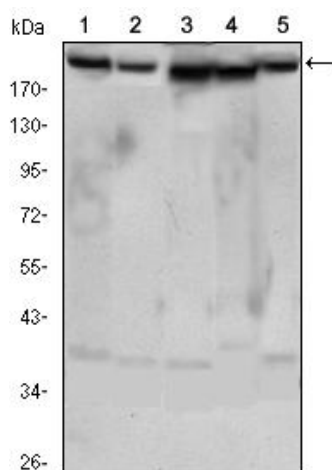


Rictor Monoclonal Antibody

Catalog No	YP-mAb-03420
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RICTOR
Protein Name	Rapamycin-insensitive companion of mTOR
Immunogen	Purified recombinant fragment of human Rictor expressed in E. Coli.
Specificity	Rictor Monoclonal Antibody detects endogenous levels of Rictor protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RICTOR; KIAA1999; Rapamycin-insensitive companion of mTOR; AVO3 homolog; hAVO3
Calculated Molecular Weight	192kD
Cell Pathway	cytosol,TORC2 complex,
Tissue Specificity	Amygdala,Brain,Epithelium,Lymph,
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 (Sarbasov 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

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