

Mouse anti-Human RICTOR Monoclonal Antibody | anti-RICTOR antibody

RICTOR (Rapamycin-insensitive Companion of mTOR, AVO3 Homolog, hAVO3, KIAA1999, mAVO3, PIA) APC

CATALOG # AAA24634	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

RICTOR; Monoclonal Antibody; RICTOR (Rapamycin-insensitive Companion of mTOR; AVO3 Homolog; hAVO3; KIAA1999; mAVO3; PIA) APC; DKFZp686B11164; MGC39830; anti-RICTOR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1F3
Specificity	Recognizes human RICTOR.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-RICTOR antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Sandwich ELISA: The detection limit for recombinant GST tagged RICTOR is ~0.03ng/ml as a capture antibody. Applications are based on unconjugated antibody.
Immunogen	Partial recombinant protein corresponding to aa1-99 from human RICTOR (NP_689969) with GST tag. MW of the GST tag alone is 26kD.
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



WB (Western Blot)

Western Blot detection against Immunogen (36.89kD).



Application Data

Detection limit for recombinant GST tagged RICTOR is ~0.03ng/ml as a capture antibody.

**IP (Immunoprecipitation)**

Immunoprecipitation of RICTOR transfected lysate using RICTOR monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RICTOR rabbit polyclonal antibody

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to RICTOR on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3ug/ml].

**WB (Western Blot)**

Western Blot analysis of RICTOR expression in transfected 293T cell line by RICTOR monoclonal antibody. Lane 1: RICTOR transfected lysate (29.8kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

RICTOR monoclonal antibody Western Blot analysis of RICTOR expression in Hela NE.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RICTOR antibody	Antibodies ; Signal Transduction
References	1. Nuclear Foxo1 Controls And Integrates Key Signaling Pathways In Hepatocytes. Naimi M, Gautier N, Chaussade C, Valverde AM, Accili D, Van Obberghen E. Endocrinology. 2007 May;148(5):2424-34. Epub 2007 Feb 15.

NCBI AND UNIPROT INFORMATION

NCBI GI #	59891448
NCBI GeneID	253260
NCBI Accession #	NP_689969
NCBI GenBank Nucleotide #	NM_152756
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; AVO3 homolog; RICTOR; TORC2-specific protein AVO3; pianissimo
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rictor-antibody-clone-1f3-immunohistochemistry-immunoprecipitation-western-blot-elisa/24634>