

# Product Datasheet

## Rictor Antibody (1F3) - Azide and BSA Free H00253260-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00253260-M01**

Rictor Antibody (1F3) - Azide and BSA Free

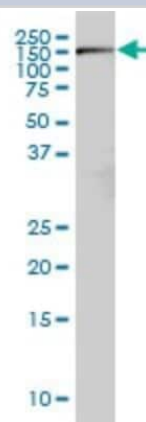
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1F3
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	253260
Gene Symbol	RICTOR
Species	Human, Rat
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	RICTOR - rapamycin-insensitive companion of mTOR
Immunogen	RICTOR (NP_689969, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAAIGRGRSLKNLRVRGRNDSGEENVPLDLTREPSDNLREILQNVARLQGVSVMRKLGHLNNFTKLLCDIGHSEEKLGPHYEDIIICLRLLALLNEAKE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

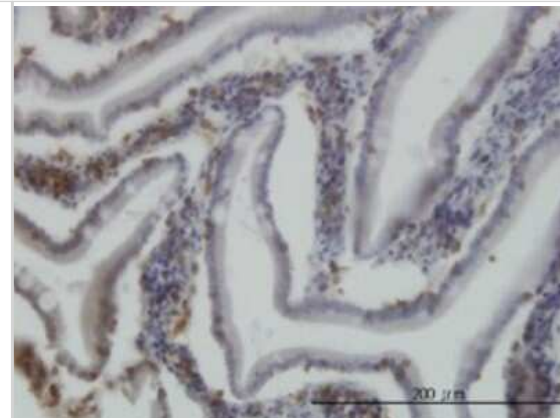
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

**Images**

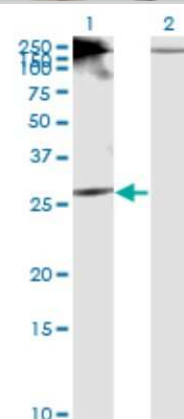
Western Blot: Rictor Antibody (1F3) [H00253260-M01] - RICTOR monoclonal antibody (M01), clone 1F3 Analysis of RICTOR expression in Hela S3 NE.



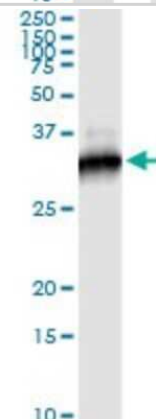
**Immunohistochemistry-Paraffin: Rictor Antibody (1F3) [H00253260-M01]** - Analysis of monoclonal antibody to RICTOR on formalin-fixed paraffin-embedded human small Intestine. Antibody concentration 3 ug/ml.



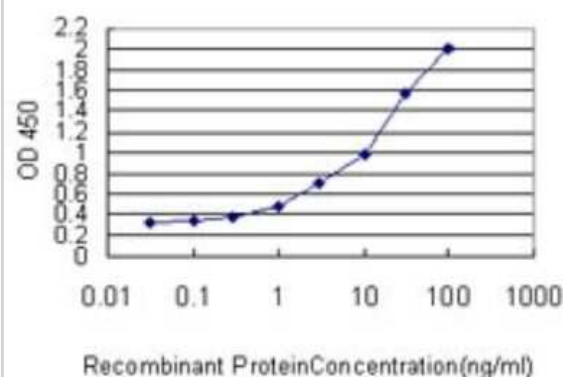
**Western Blot: Rictor Antibody (1F3) [H00253260-M01]** - Analysis of RICTOR expression in transfected 293T cell line by RICTOR monoclonal antibody (M01), clone 1F3. Lane 1: RICTOR transfected lysate(29.8 KDa). Lane 2: Non-transfected lysate.



**Immunoprecipitation: Rictor Antibody (1F3) [H00253260-M01]** - Analysis of RICTOR transfected lysate using anti-RICTOR monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RICTOR MaxPab rabbit polyclonal antibody.



**Sandwich ELISA: Rictor Antibody (1F3) [H00253260-M01]** - Detection limit for recombinant GST tagged RICTOR is approximately 0.03ng/ml as a capture antibody.



## Publications

Wu X, Schneider N, Platen A et al. In situ characterization of the mTORC1 during adipogenesis of human adult stem cells on chip. *Proc Natl Acad Sci U S A* 2016-07-05 [PMID: 27382182]

Faustino A, Couto JP, Populo H et al. mTOR Pathway Overactivation in BRAF Mutated Papillary Thyroid Carcinoma. *J Clin Endocrinol Metab*. 2012-05-01 [PMID: 22549934]

Populo H, Tavares S, Faustino A et al. GNAQ and BRAF mutations show differential activation of the mTOR pathway in human transformed cells. *PeerJ*. 2013-07-23 [PMID: 23904987]

Wang JQ, Chen JH, Chen YC et al. Interaction between NBS1 and the mTOR/Rictor/SIN1 complex through specific domains. *PLoS One*. 2013-01-01 [PMID: 23762398] (Human)

Naimi M, Gautier N, Chaussade C et al. Nuclear forkhead box O1 controls and integrates key signaling pathways in hepatocytes. *Endocrinology* 2007-05-01 [PMID: 17303659]



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**Products Related to H00253260-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00253260-Q01-10ug	Recombinant Human Rictor GST (N-Term) Protein

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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