e at -20C	Rictor (53A2) Rabbit mAb		Cell Signaling	
Store at		Orders:	877-616-CELL (2355) orders@cellsignal.com	
4		Support:	877-678-TECH (8324)	
<u> </u> 211		Web:	info@cellsignal.com cellsignal.com	
#		3 Trask Lane   Danvers   Ma	ssachusetts   01923   USA	

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB	Reactivity: H M R Mk	Sensitivity: Endogenous	<b>MW (kDa):</b> 200	Source/Isotype: Rabbit IgG	UniProt ID: #Q6R327	Entrez-Gene Id: 253260		
Product Usage Information	Ар	plication			Dilution			
mormation	We	estern Blotting			1:1000			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensit	<b>tivity</b> Rict	Rictor (53A2) Rabbit mAb detects endogenous levels of total Rictor protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding GIn1681 of human Rictor protein.						
Background	mar grov com rapa Akt/ knov	nmalian TOR (mTO wth factor-derived si aplex contains mTO amycin, includes mT PKB <i>in vitro</i> (2). Thi ckdown of rictor inhi	R) pathway regul gnals (1). mTOR R, GβL and rapto OR, GβL, Sin1, a s phosphorylatior ibits Ser473 phos	rocess whereby cells ac ates growth by coordina is a large protein kinase r, which is a target of ra and rictor (1). The mTOF n is essential for full Akt/ phorylation in 3T3-L1 a esistant mutants of S6K	tting energy and nutrice with two different cor pamycin. The other co R-rictor complex phos PKB activation. Furthe dipocytes (3). This cor	ent signals with mplexes. One omplex, insensitive to phorylates Ser473 of ermore, an siRNA mplex has also been		
Background Refer	2. S 3. H		. (2005) <i>Science</i> eckler, M. (2005)					
Species Reactivity	Spec	ies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).		
Western Blot Buffe		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key	WB	Western Blotting						
Cross-Reactivity K	X: X:	<ul> <li>H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster</li> <li>X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse</li> <li>GP: Guinea Pig Rab: rabbit All: all species expected</li> </ul>						
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