1/1/24, 8:52 AM Revision 1

Store at -20C	Merlin (D6N8H) Rabbit mAb	Се	Cell Signaling	
Stor		Orders:	877-616-CELL (2355) orders@cellsignal.com	
96		Support:	877-678-TECH (8324)	
#12896		Web:	info@cellsignal.com cellsignal.com	
#		3 Trask Lane   Danvers   Mas	ssachusetts   01923   USA	

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

	<b>Reactivity:</b> I M R Hm Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 70	Source/Isotype: Rabbit IgG	UniProt ID: #P35240	Entrez-Gene Id: 4771		
Product Usage Information	We	blication stern Blotting			<b>Dilution</b> 1:1000			
	Imn	nunoprecipitation			1:50			
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 / Sensitiv	<b>/ity</b> Merl	Merlin (D6N8H) Rabbit mAb recognizes endogenous levels of total merlin protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with recombinant protein specific to the carboxy terminus of human merlin protein.						
Background	of ve NF2 tumo striki schv betw the o	estibular schwannor and equivalent spo or suppressor gene ng similarity to ezri vannomin) and ERM veen family member cytoskeleton, affecti	mas, meningioma pradic tumors fou . Merlin (moesin, n, radixin, and m A proteins involve rs (1). Merlin and ng cell morpholo	nal dominant, inherited as, and other nervous sy nd in the general popula ezrin, and radixin-like p oesin (ERM) proteins. R es intramolecular and in ERM proteins act as lir gy, polarity, and signal t kinase (PAK) at Ser518	ystem tumors. Both the ation are caused by ina rotein) is the <i>NF2</i> gen Regulation of merlin (al termolecular head-to- nkers between the plas ransduction (2). Merlir	e familial tumors of activation of the <i>NF2</i> e product, displaying lso called tail associations sma membrane and n is phosphorylated		
Background Refere	2. Br 3. Xi	amesh, V. (2004) <i>N.</i> etscher, A. et al. (2 ao, G. H. et al. (200 ssil, J. L. et al. (200	002) Nat. Rev. M 02) J. Biol. Chem	ol. Cell Biol. 3, 586-99. . 277, 883-6.				
Species Reactivity	Speci	es reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., w	estern blot).		
Western Blot Buffer		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 IF	P: Immunoprecipi	tation				
Cross-Reactivity Ke	<b>X</b> : Xe	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected						
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	appro	ved, cleared, or lice	ensed by the FD/	Jse Only or a similar lab A or other regulatory for ny diagnostic or therape	eign or domestic entity	/, for any purpose.		

Merlin (D6N8H) Rabbit mAb (#12896) Datasheet Without Images Cell Signaling Technology

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