e at -20C	MST1 (D8B9Q) Rabbit mAb	T E	Cell Signaling TECHNOLOGY®	
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For Research Lise Only	/ Not for Use i	n Diagnostic Procedures.
FUI RESEAICH USE UNI	. NULIUI USE II	II Diagnostic Frocedures.

Applications: WB, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 60	Source/Isotype: Rabbit IgG	UniProt ID: #Q13043	Entrez-Gene Id: 6789
Product Usage Information	We	oplication estern Blotting munoprecipitation			Dilution 1:1000 1:200	
Storage		•		7.5), 150 mM NaCl, 100 o not aliquot the antibody		erol and less than
Specificity / Sensitivity		MST1 (D8B9Q) Rabbit mAb recognizes endogenous levels of total MST1 protein. This antibody also detects the 37 kDa amino terminal fragment released by caspase cleavage.				
Species predicted to react based on 100% sequence homology	6	vine, Horse				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro9 of human MST1 protein.				
Background	(MA mig (ST and cas auto tran apo Res reg grov mai sca kina	APK) signaling pathw pration, and cytoskel (K4) and MST2 (STH carboxy-terminal re- pase-mediated clear ophosphorylation an islocation of the action pototic progression (search studies indicar ulatory proteins in the wth and organ size of mmalian Hippo signar (fold protein form a comparison)	vays that regulate etal rearrangeme (3), two functional gulatory domains vage of MST1/2 d activation of th ve kinase induce 4). ate that MST1/2 a te Hippo signaling by regulating cell aling pathway inv complex that lead YAP and TAZ, pro-	s are upstream regulato e multiple cellular proces nt (1). This family of ser illy related proteins with s that contain nuclear ex- removes the inhibitory re e kinase domain, which s chromatin condensatio are orthologous to <i>Droso</i> g pathway. This evolutio proliferation, apoptosis, olves a kinase cascade Is to phosphorylation an proting cytoplasmic sec	sses, including prolifer- ine/threonine kinases conserved amino-term conserved amino-term conserved amino-term conserved amino-term conserved amino-term and other events as conserved progrand stem cell self-ren , where the MST1/2 kind d activation of LATS1/	ation, apoptosis, includes MST1 ninal kinase domains ing apoptosis, pering nucleus. Nuclear sociated with e of the core am controls tissue ewal. The nases and the SAV1 2. The LATS1/2
Background Referer	2. C 3. L 4. U		996) J Biol Chem ara, S. (2002) J E Proc Natl Acad S	271, 21049-53. Biol Chem 277, 12351-8. ci U S A 98, 10148-53.		
Species Reactivity	Spec	cies reactivity is dete	ermined by testin	g in at least one approve	ed application (e.g., we	estern blot).
Western Blot Buffer		ORTANT: For weste 6 Tween® 20 at 4°C		membrane with diluted ing, overnight.	primary antibody in 59	% w/v BSA, 1X TBS,
Applications Key Cross-Reactivity Ke		: Western Blotting II	7: Immunoprecip	itation		

3/23/24, 1:23 PM	MST1 (D8B9Q) Rabbit mAb (#14946) Datasheet Without Images Cell Signaling Technology				
	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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