e at -20C	UbcH5C (D60E2) Rabbit mAb	T C		
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Applications	Beactivity	Soncitivity							

Applications: WB, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 14	Source/Isotype: Rabbit IgG	UniProt ID: #P61077	Entrez-Gene Id: 7323	
Product Usage Information	V	Application Western Blotting mmunoprecipitation			Dilution 1:1000 1:100		
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 / Sensitivity		UbcH5C (D60E2) Rabbit mAb detects endogenous levels of total UbcH5C protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Asp135 of human UbcH5C protein.					
Background	U ac is m cc E ca ar U di	biquitin is first activate ctivated ubiquitin is the the transfer of ubiquiti rediated by ubiquitin-co onjugating enzyme and vidence suggests that atalyzing the ubiquitina nd the apoptosis inhibi bcH5C in meibomian of	d through an ATI en transferred to n from E2 to an onjugating enzyn d member of the UbcH5C plays a tion of key targe tor BRUCE (3-6) cell carcinoma ar ute promyelocyti	rted action of the E1, E2 P-dependent formation of a thiol-group of an E2 ul ε-amino group of a lysin ne E3 (1). UbcH5C is a UbcH5 family that also in important role in regul t proteins, including p53 . Gene expression profin nd oncocytic thyroid ade c cells (9). These results	of a thiol ester with an biquitin-conjugation en e residue on the targe universally expressed includes UbcH5A and lating a number of sigr B, PCNA, the IkB kinas les revealed increased nomas (7,8), while an	E1 enzyme. The izyme. The final step t protein, a transfer E2 ubiquitin UbcH5B (2). haling pathways by e protein NEMO, I expression of RNAi screen reveals	
Background Refer	2. 3. 4. 5. 6. 7. 8.	Hershko, A. (1988) J J Jensen, J.P. et al. (19 Saville, M.K. et al. (20 Zhang, S. et al. (2008 Tang, E.D. et al. (2007 Qiu, X.B. et al. (2007) Hattori, H. et al. (2007) Kumar, A. et al. (2007) Jacques, C. et al. (2007)	95) J Biol Chem 104) J Biol Chem 1) Cell Cycle 7, 3 3) J Biol Chem 2 1 EMBO J 23, 80 7) Blood 110, 644 1) Genomics 90,	270, 30408-14. 279, 42169-81. 399-404. 78, 37297-305. 0-10. 0-50.).		
Species Reactivity	/ Sp	ecies reactivity is dete	rmined by testing	g in at least one approve	ed application (e.g., we	estern blot).	
Western Blot Buffer		IPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 1% Tween® 20 at 4°C with gentle shaking, overnight.				% w/v BSA, 1X TBS,	
Applications Key	w	B: Western Blotting IF	: Immunoprecip	itation			
Cross-Reactivity k	-						
Trademarks and Patents	All	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.					

UbcH5C (D60E2) Rabbit mAb (#4330) Datasheet Without Images Cell Signaling Technology

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