e at -20C	CHMP2B (D4G3K) Rabbit mAb	T C	Cell Signaling		
Store at		Orders:	877-616-CELL (2355) orders@cellsignal.com		
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Eor Research Lise Only	Not for Use in	Diagnostic Procedures
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Applications: WB, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 28	Source/Isotype: Rabbit IgG	UniProt ID: #Q9UQN3	Entrez-Gene Id: 25978		
Product Usage Information		oplication estern Blotting munoprecipitation			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		CHMP2B (D4G3K) Rabbit mAb recognizes endogenous levels of total CHMP2B protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Glu171 of human CHMP2B protein.						
Background	(1, seq (ILV Vps scu cell CH that	2). The ESCRT syst juentially to direct th /s), which will eventu s2, which functions in lipting helices for the s. Research studies MP2B at the plasma t deforms the shape search studies have	em is composed e transport of ubi ually mature into n the ESCRT-II or final pinch off pr show that manip membrane and of associated pla shown that muta	III (endosomal sorting ro of the ESCRT-0, -I, -II, a quitinated transmembra multivesicular bodies (M omplex to change the in ocess (3). CHMP2B pro ulation of the ESCRT-III overexpressed CHMP2I isma membrane (4).	and -III complexes, whi ne proteins into the int IVBs). CHMP2B is a h- itial spiral-structure of bably functions similar complex leads to acco B polymerizes into a tig ciated with frontotemp	ich function ralumenal vesicles omolog of yeast snf7 into membrane- ly in mammalian umulation of ght helical structure oral dementia, (5,		
Background Refe	nor erences 1. M 2. H 3. H 4. E 5. S 6. L 7. F 8. H	mal endo-autophage AcCullough, J. et al. Ienne, W.M. et al. (2 Ienne, W.M. et al. (2 Bodon, G. et al. (201 Skibinski, G. et al. (2 Iee, J.A. et al. (2007 Filimonenko, M. et al	2000 2013) Annu Rev 2013) Cold Spring 2012) Cell 151, 35 2012) Cell 151, 35 2012) Cell 151, 35 2012) Cell 151, 35 2012) Nat Genet 3 2015) Nat Genet 3 2017) J Cell Bio 2017) J Cell Bio 2017) J Cell Bio 2017) J Cell Bio	36, 40276-86. 7, 806-8. 61-7. ol 179, 485-500. ys Res Commun 421, 5	l lead to neurodegene			
Species Reactivit	S pee	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).		
Western Blot Buf		ORTANT: For weste 6 Tween® 20 at 4°C		membrane with diluted ng, overnight.	primary antibody in 59	% w/v BSA, 1X TBS,		
Applications Key	WB	: Western Blotting II	P: Immunoprecipi	tation				
Cross-Reactivity Key		 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 						
Trademarks and Patents		Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. XP is a registered trademark of Cell Signaling Technology, Inc.						

CHMP2B (D4G3K) Rabbit mAb (#76173) Datasheet Without Images Cell Signaling Technology

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