1/1/24, 12:32 PM Revision 3

Store at -20C	β-Amyloid (D12B2) Rabbit mAb	T C	Cell Signaling	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
8		Support:	877-678-TECH (8324)	
#9888		Web:	info@cellsignal.com cellsignal.com	
#		3 Trask Lane Danvers	Massachusetts 01923 USA	

For Research Use Only	Not for Use	e in Diagnostic Procedures.
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Applications: WB, IHC-P	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 5	Source/Isotype: Rabbit IgG	UniProt ID: #P05067	Entrez-Gene Id: 351		
Product Usage	A	pplication			ſ	Dilution		
Information	W	estern Blotting			1	1:1000		
	In	nmunohistochemistry	(Paraffin)		1	1:1600		
Storage				7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than		
	Fo	r a carrier free (BSA a	and azide free) v	ersion of this product se	e product #10440.			
Specificity / Sensitivity		β-Amyloid (D12B2) Rabbit mAb recognizes endogenous levels of total $β$ -amyloid (A $β$) peptide. The antibody detects several isoforms of A $β$, such as A $β$ -37, A $β$ -38, A $β$ -39, A $β$ -40, and A $β$ -42. This product detects transgenically expressed human APP in mouse models.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human $A\beta$ peptide.						
Background	sev rele be pro dej	veral isoforms (1). Th eased by a two-step μ eased Aβ fragments f phosphorylated at se otein (2-5). Phosphory pendent kinase is cel	e amino acid sec proteolytic cleava form the main co everal sites, which /lation at Thr668 I-cycle dependen	s a 100-140 kDa transm juence of APP contains age (1). The extracellula mponents of amyloid pla h may affect the proteol (a position correspondi t and peaks during G2// lates with cultured neur	the amyloid domain, or r deposition and accur aques in Alzheimer's or ytic processing and so ng to the APP695 isof M phase (4). APP pho	which can be imulation of the disease (1). APP can ecretion of this form) by cyclin- osphorylated at		
Background Refere	2. (3. 4. (5. /	Selkoe, D.J. (1996) J Caporaso, G.L. et al. Hung, A.Y. and Selko Suzuki, T. et al. (1994 Ando, K. et al. (1999) Iijima, K. et al. (2000)	(1992) Proc Natl e, D.J. (1994) EN) EMBO J 13, 11 J Neurosci 19, 4	Acad Sci USA 89, 3055 //BO J 13, 534-42. .14-22. !421-7.	5-9.			
Species Reactivity	Spe	cies reactivity is dete	rmined by testing	g in at least one approve	ed application (e.g., w	restern blot).		
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TE 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key	WE	3: Western Blotting IF	IC-P: Immunohis	stochemistry (Paraffin)				
Cross-Reactivity Ke	X :>	 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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β-Amyloid (D12B2) Rabbit mAb (#9888) Datasheet Without Images Cell Signaling Technology

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