e at -20C	-Amyloid (D3D2N) Mouse mAb					
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com			
26		Support:	877-678-TECH (8324)			
#15126		Web:	info@cellsignal.com cellsignal.com			
#		3 Trask Lane Danvers Massachusetts 01923				

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

Applications: WB, IHC-P, IF-F	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 5	Source/Isotype: Mouse IgG1	UniProt ID: #P05067	Entrez-Gene Id: 351		
Product Usage Information	We	ApplicationDilutionWestern Blotting1:1000						
		nunohistochemistry nunofluorescence (F	. ,		1:800 - 1:32 1:200	00		
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.						
	For	a carrier free (BSA a	and azide free) ve	ersion of this product se	e product #37372.			
Specificity / Sensit		β -Amyloid (D3D2N) Mouse mAb recognizes endogenous levels of total β -amyloid peptide (A β). 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 β -amyloid peptide (A β).						
Background Background Refere	seve relea relea prot dep Thre ences 1. So 2. C 3. H 4. So 5. A	eral isoforms (1). The ased by a two-step p ased A β fragments f phosphorylated at se ein (2-5). Phosphory endent kinase is cell 568 exists in adult ra elkoe, D.J. (1996) J	e amino acid seq proteolytic cleava form the main con- everal sites, which lation at Thr668 l-cycle dependen at brain and corres <i>Biol Chem</i> 271, 1 (1992) <i>Proc Natl</i> e, D.J. (1994) <i>EM</i> <i>BMBO J</i> 13, 11 <i>J Neurosci</i> 19, 4	Acad Sci USA 89, 3055 1BO J 13, 534-42. 14-22. 421-7.	the amyloid domain, w r deposition and accur aques in Alzheimer's d ytic processing and se ng to the APP695 isofe M phase (4). APP pho onal differentiation (5,	vhich can be mulation of the isease (1). APP can cretion of this orm) by cyclin- sphorylated at		
Species Reactivity	Spec	ies reactivity is dete	rmined by testing	in at least one approve	ed application (e.g., w	estern blot).		
Western Blot Buffe		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key	WB:	Western Blotting IF	IC-P: Immunohis	tochemistry (Paraffin) IF	-F: Immunofluoresce	nce (Frozen)		
Cross-Reactivity K	X: 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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Limited Uses								

β -Amyloid (D3D2N) Mouse mAb (#15126) Datasheet Without Images Cell Signaling Technology

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