Revision 2



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

Product Includes		Product #	Quantity	Isotype/Source	
β-Amyloid (1-40) (D8Q7I) Rabbit mAb (BSA and Azide Free)		72738	100 µg	Rabbit IgG	
β-Amyloid (D3D2N) Mouse mAb (BSA and Azide Free)		37372	100 µg	Mouse IgG1	
Description	The β-Amyloid (1-40) Matched Antibody Pai throughput ELISA platforms requiring antik Labels include fluorophores, lanthanides, b Antibody Pairs include MSD, Quanterix Sim HTRF), and Luminex.	ir is ideal for use w body pairs with sp iotin, and beads. I oa, Alpha Technol	vith immunoassa ecialized or cust Platforms requir ogy (AlphaScree	ay technologies and high om antibody labeling. ing conjugated Matched n, AlphaLISA, LANCE,	
	Learn how Matched Antibody Pairs move ye antibody-pairs.	our projects forwa	rd, faster at cst-	science.com/matched-	
Specificity/Sensitivity	This kit detects proteins from the indicated species, as determined through in-house testing, but may also detect homologous proteins from other species.				
Storage	Store at -20°C. <i>This product will freeze at -20°C so it is recommended to aliquot into single-use vials to avoid multiple freeze/thaw cycles</i> . A slight precipitate may be present and can be dissolved by gently vortexing. This will not interfere with antibody performance.				
Directions for Use	Matched Antibody Pairs include capture an dilutions/concentrations should be determ	irs include capture and detection antibodies to non-overlapping epitopes. Optimal ons should be determined by the end user.			
Formulation	Supplied in 1X PBS (10 mM Na $_2$ HPO $_4$, 3 mM KCl, 2 mM KH $_2$ PO $_4$, and 140 mM NaCl (pH 7.8)). BSA and Azide Free.				
Background	Amyloid β (A β) precursor protein (APP) is a several isoforms (1). The amino acid sequer released by a two-step proteolytic cleavage released A β fragments form the main com can be phosphorylated at several sites, whi this protein (2-5). Phosphorylation at Thr66 cyclin-dependent kinase is cell-cycle dependent at Thr668 exists in adult rat brain and corre	100-140 kDa trans nce of APP contain (1). The extracellu ponents of amyloi ch may affect the 8 (a position corre dent and peaks du lates with culture	membrane glyc is the amyloid d ilar deposition a d plaques in Alz proteolytic procc sponding to the iring G2/M phas d neuronal differ	oprotein that exists as omain, which can be nd accumulation of the neimer's disease (1). APP essing and secretion of APP695 isoform) by e (4). APP phosphorylated rentiation (5,6).	
Background References	1. Selkoe, D.J. (1996) <i>J Biol Chem</i> 271, 18295 2. Caporaso, G.L. et al. (1992) <i>Proc Natl Aca</i> 3. Hung, A.Y. and Selkoe, D.J. (1994) <i>EMBO J</i> 4. Suzuki, T. et al. (1994) <i>EMBO J</i> 13, 1114-22 5. Ando, K. et al. (1999) <i>J Neurosci</i> 19, 4421- 6. Iijima, K. et al. (2000) <i>J Neurochem</i> 75, 10	5-8. <i>d Sci USA</i> 89, 3055 13, 534-42. 2. 7. 85-91.	-9.		
Trademarks and Patents	Cell Signaling Technology is a trademark of	Cell Signaling Tec	hnology, Inc.		
	All other trademarks are the property of the more information.	eir respective own	ers. Visit cellsigr	nal.com/trademarks for	
Limited Uses	Except as otherwise expressly agreed in a v the following terms apply to Products provi terms and conditions that are in addition to separately accepted in writing by a legally a force or effect.	vriting signed by a ided by CST, its aff o, or different fron authorized represe	l legally authoriz iliates or its disti n, those containe entative of CST, a	ed representative of CST, ributors. Any Customer's ed herein, unless are rejected and are of no	

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.