

**Mouse Anti- Amyloid Beta Peptide 40 Monoclonal Antibody Datasheet****Product Name:** mAb anti- Amyloid Beta Peptide 40**Clone No.:** CV9 7B10**Catalogue No.:** MO-M40095A**Quantity:** 0.5 mg/vial

Description:	Mouse monoclonal antibody to C-terminus of amyloid beta peptide 40 (A β 40)	Storage:	Store at -20°C
Purification:	Protein G affinity purified	Research Area:	Aging and neurodegenerative diseases
Product Type:	Primary antibody- Detection antibody in matched antibody pair.	Background:	A β 40 and A β 42 are the two major amyloid peptides formed after cleavage of amyloid precursor protein. In blood and cerebrospinal fluid, the concentration of A β 40 is about 10 times higher than that of A β 42. A β 40 is the main component in the amyloid deposit of vascular amyloid angiopathy. Detection of A β 40 is useful for the predication of Alzheimer's disease. Lower than normal A β 42/A β 40 ratio in cerebrospinal fluid was found to be associated with increased risk of mild cognitive impairment and Alzheimer's disease.
Target Protein:	C-terminus of amyloid beta peptide 40	Applications:	Sandwich ELISA: In combination with capturer anti-amyloid peptide N-terminus antibody (mAb clone NT 5B8, Cat. No.: MO-M40094D), the antibody can detect A β 40 in Sandwich ELISA assay.
Immunogen:	KLH conjugated to a short peptide (GLMVGGVV) with amino acid sequence corresponding to the C-terminus of A β 40	References:	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Fusion Myeloma:	Sp2/0-Ag14		
Specificity:	This antibody recognizes the C-terminal sequence (GLMVGGVV) of A β 40 and full length A β 40. The antibody showed very weak to none cross-reactivity with A β 43 and A β 42.		
Species Reactivity:	Human and other primates; mouse, rat		
Host / Isotype:	Mouse, IgG1 Kappa		
Formulation:	Lyophilized from a solution in 0.01M PBS pH7.2		
Reconstitution:	Double distilled water is recommended to adjust the final concentration to 1.00 mg/mL.		

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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2355 Derry Road East, Unit 23, Mississauga, ON, Canada L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

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