

Mouse Amyloid Beta Peptide 40 Monoclonal Antibody

mAb anti-Amyloid Beta Peptide 40

CATALOG # AAA77955	HOST Mouse	REACTIVITY Human, Other primates, Mouse, Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Amyloid Beta Peptide 40; Monoclonal Antibody; mAb anti-Amyloid Beta Peptide 40; Beta amyloid peptide 40; Mouse monoclonal antibody to C-terminal of amyloid beta peptide 40 (Abeta40); anti-Amyloid Beta Peptide 40 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Other primates, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	CV9 7B10
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS pH7.2
Applicable Applications for anti-Amyloid Beta Peptide 40 antibody	ELISA
Target Protein	C-terminal of amyloid beta peptide 40
Immunogen	KLH conjugated to a short peptide (GLMVGGVV) with amino acid sequence corresponding to the C-terminal of Abeta40
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/mL.
Specificity	This antibody recognizes the C-terminal sequence (GLMVGGVV) of Abeta40 and full length Abeta40. The antibody showed very weak or none cross-reactivity with Abeta43 and Abeta42.
Research Area	Aging and neurodegenerative diseases
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-Amyloid Beta Peptide 40 antibody	Description: Mouse monoclonal antibody to C-terminal of amyloid beta peptide 40 (Abeta40) background: Abeta40 and Abeta42 are the two major amyloid peptides formed after cleavage of amyloid precursor protein. In blood and cerebrospinal fluid, the concentration of Abeta40 is about 10 times higher than that of Abeta42. Abeta40 is the main component in the amyloid deposit of vascular amyloid angiopathy. Detection of Abeta40 is useful for the predication of Alzheimer's disease. Lower than normal Abeta42/Abeta40 ratio in cerebrospinal fluid was found to be associated with increased risk of mild cognitive impairment and Alzheimer's disease.
Product Categories/Family for anti-Amyloid Beta Peptide 40 antibody	Primary antibody-Detection antibody in matched antibody pair. ; Monoclonal Antibodies to Neurological Disorder Proteins

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/amyloid-beta-peptide-40-antibody-clone-cv9-7b10-elisa/77955>