

Mouse Amyloid Beta Peptide 42 Monoclonal Antibody

Biotin conjugated mAb anti- Amyloid Beta Peptide 42

CATALOG # AAA77953	HOST Mouse	REACTIVITY Species reactivity: Human, other primates, Mouse, Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Amyloid Beta Peptide 42; Monoclonal Antibody; Biotin conjugated mAb anti- Amyloid Beta Peptide 42; Beta amyloid peptide 42 (**Biotin Labeled); Biotin conjugated mouse monoclonal antibody to C-terminal of amyloid beta peptide 42 (Abeta42); anti-Amyloid Beta Peptide 42 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Species reactivity: Human, other primates, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	CA9 10C11
Specificity	This antibody recognizes the C-terminal sequence (MVGGVVIA) of Abeta42 and full length Abeta42.
Purity/Purification	Protein G affinity purified
Form/Format	0.01M PBS, pH 7.0 +/- 0.1 in 1% gelatin and 0.1% proclin-300
Applicable Applications for anti-Amyloid Beta Peptide 42 antibody	ELISA
Target Protein	C-terminal of amyloid beta peptide 42
Immunogen	KLH conjugated to a short peptide (MVGGVVIA) with amino acid sequence corresponding to the C-terminal of Abeta42
Fusion Myeloma	Sp2/0-Ag14
Research Area	Aging and neurodegenerative diseases
Intended Uses	Tracer antibody in matched antibody pair, biotin conjugated
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-Amyloid Beta Peptide 42 antibody	Description: Biotin conjugated mouse monoclonal antibody to C-terminal of amyloid beta peptide 42 (Abeta42) background: Amyloid beta peptide 42 (Abeta42) is best known for its role in the formation of senile plaques in the brain of patients with Alzheimer's disease. Abeta42 and Abeta40 are the two major amyloid peptides that are produced after cleavage of amyloid precursor protein by secretases. Abeta42 (42 amino acids) is very fibrillogenic. The beta pleated structure of Abeta42 constitutes the initial and key component of the insoluble amyloid fibril in senile plaque. It is widely accepted that Abeta42 contributes to the pathogenesis of Alzheimer's disease. One proposition is that the deposition of amyloid fibril onto the brain tissue results in Alzheimer's disease. Another is that the neurotoxicity of Abeta42 oligomer is the cause of the disease.
Product Categories/Family for anti-Amyloid Beta Peptide 42 antibody	Tracer antibody in matched antibody pair; biotin conjugated; Matched Antibody Pairs to Human 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-42-antibody-clone-ca9-10c11-elisa/77953>