

Mouse Beta amyloid peptide 42 Monoclonal Antibody | anti-Ab42 antibody

mAb anti- Amyloid Beta Peptide 42

CATALOG # AAA77957	HOST Mouse	REACTIVITY Human and other primates; mouse and rat.	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Beta amyloid peptide 42; Monoclonal Antibody; mAb anti- Amyloid Beta Peptide 42; anti-Ab42 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human and other primates; mouse and rat.
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	CA9 3F8
Specificity	This antibody recognizes the C-terminal sequence (MVGGVVIA) of Aβ42 and full length Aβ42.
Purity/Purification	Protein G Affinity Purified
Form/Format	Lyophilized from a solution in 0.01M PBS pH7.2
Applicable Applications for anti-Ab42 antibody	IHC (Immunohistochemistry)
Research Area	Aging and Neurodegenerative Diseases
Fusion Myeloma	Sp2/0-Ag14
Cross-reactivity	The antibody showed very weak to none-cross-reactivity with full length Aβ43 and Aβ40 in indirect ELISA.
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/mL
Immunogen	KLH conjugated to a short peptide (MVGGVVIA) with amino acid sequence corresponding to the C terminal of Aβ42
Target Protein	C-terminal of amyloid beta peptide 42
Preparation and Storage	Store at -20°C

IMAGES



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-Ab42 antibody	Description: Mouse monoclonal antibody to Cterminal 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-Ab42 antibody	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/beta-amyloid-peptide-42-antibody-clone-ca9-3f8-immunohistochemistry-elisa/77957>