

Mouse anti-Human amyloid beta peptide N-terminal Monoclonal Antibody

mAb anti-human amyloid beta peptide N-terminus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14629	Mouse	Human	Western Blot, ELISA

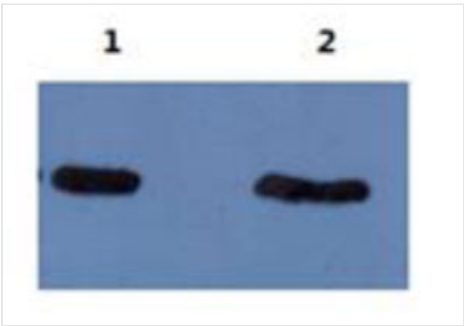
PRODUCT SYNONYMS

amyloid beta peptide N-terminal; Monoclonal Antibody; mAb anti-human amyloid beta peptide N-terminus; Beta amyloid peptide N-terminal; Mouse monoclonal antibody against N-terminal sequence of human amyloid beta peptides; anti-amyloid beta peptide N-terminal antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	NT 5B8
Specificity	This antibody recognizes the N-terminal peptide (DAEFRHDS) of human beta amyloid peptides and also reacts with full length Abeta40, Abeta42 and Abeta43. Beta amyloid peptide N-terminal
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 N-terminal antibody	WB (Western Blot), ELISA
Application Notes	Sandwich ELISA: This antibody (clone NT 5B8) reacts with full length Abeta40, Abeta42 and Abeta43 at the N-terminus. The antibody can be used as capture antibody in combination with anti- Abeta42 clone CA9 10C11 (Cat. No.: in sandwich ELISA application for the detection of Abeta42.
Product Type	Primary antibody-Capture antibody in matched antibody pair.
Target Protein	Human beta amyloid peptide 42
Immunogen	Full length human beta amyloid peptide 42
Myeloma	Sp2/0-Ag14
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/mL.
Research Area	Aging and neurodegenerative diseases
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
The following image is the result of using mAb 5B8 ascites at 1:5000 dilution to detect Abeta40 and Abeta42 on Western blot. Lane 1: Abeta42, Lane 2: Abeta40.

ADDITIONAL INFORMATION

Related Product Information for anti-amyloid beta peptide N-terminal antibody	Description: Mouse monoclonal antibody against N-terminal sequence of human amyloid beta peptides Background: Amyloid beta peptides Abeta42 and Abeta40 have been investigated extensively for predicating Alzheimer's disease. A recent study on A Abeta43 in brain showed that Abeta43 is more fibrillogenic than the other amyloid beta peptides and may be useful as a biomarker or therapeutic target for Alzheimer's disease. Since Abeta40, Abeta42 and Abeta43 are different only at the few C-end amino acids, antibody to N-terminal sequence can bind with all three amyloid beta peptides.
Product Categories/Family for anti-amyloid beta peptide N-terminal antibody	Primary 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/amyloid-beta-peptide-n-terminal-antibody-clone-nt-5b8-western-blot-elisa/14629>