

AM26042PU-N**Monoclonal Antibody to Amyloid beta (N-term) - Aff - Purified**

Quantity:	0.5 mg
Background:	A β 40, A β 42 and A β 43 are different only at the few C-end amino acids. While the C-end amino acids showed no species specificity in mammals, the N-terminal amino acid sequences have minor discrepancies between different species. Amyloid beta peptides A β 42 and A β 40 have been investigated extensively for predicting Alzheimer's disease. A recent study on A β 43 in brain showed that A β 43 is more fibrillogenic than the other amyloid beta peptides and may be useful as a biomarker or therapeutic target for Alzheimer's disease. Antibody to N-terminal sequence can bind to all the three amyloid beta peptides.
Host / Isotype:	Mouse / IgG1
Clone:	NT 4A2
Immunogen:	Full length Human beta amyloid peptide 42 AA Sequence: DAEFRHDS
Format:	State: Lyophilized purified IgG fraction Purification: Affinity Chromatography on Protein G Buffer System: 0.01M PBS, pH7.2 Reconstitution: Restore with Double distilled water to adjust the final concentration to 1.0 mg/ml.
Applications:	ELISA: The antibody can be used as Capture antibody in Sandwich ELISA for A β 42 detection in combination with detection antibody CA9 10C11 (Cat.-No AM26394PU-L). The antibody can be used as Capture antibody in Sandwich ELISA for A β 40 detection in combination with detection antibody CV9 7B11 (Cat.-No AM26040PU-N). IHC. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes the N-terminal sequence (DAEFRHDS) of beta Amyloid peptides, and full length beta Amyloid peptide 40, 42 and 43.
Species Reactivity:	Tested: Human.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.