

Monoclonal Antibody to Human Amyloid- β

BIOTINYLATED

Antibody:	<i>bm</i> -AbetaN
Product code:	3740-6-250
Quantity:	250 μ g
Immunogen:	Human Amyloid- β
Isotype:	Mouse IgG1
Specificity:	Synthetic and natural human Amyloid- β . Detects different forms of the peptide (mono- and oligomers, protofibrils and fibrils). Binds to residues 3-8.
Concentration:	Supplied at 1 mg/ml in sterile filtered (0.2 μ m) PBS with 0.02% sodium azide.
Purification:	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
Biotinylation:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
Storage:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
Applications:	For detection of Amyloid- β using ELISA, immunohistochemistry and Western blot. Other applications include immunoprecipitation and affinity purification of Amyloid- β . For questions and further information please contact Mabtech.
Protocols:	<p><i>Recommended dilutions:</i></p> <p>The following dilutions should serve as a general guideline. Further optimization may be required depending on the assay conditions.</p> <p>Western blot: 1:5000</p> <p>Immunohistochemistry: 1:5000. Tested on PFA-fixed, paraffin-embedded and PFA-fixed, fresh frozen sections. Heat-induced antigen retrieval and Formic acid treatment are recommended.</p> <p>ELISA: 1:5000 (when used as detecting antibody in indirect ELISA)</p>

The antibody was developed as part of a collaboration between Mabtech AB and BioArctic Neuroscience AB

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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

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