

# Monoclonal Antibody to Human Amyloid- $\beta$

BIOTINYLATED

<b>Antibody:</b>	<i>bm</i> -AbetaN
<b>Product code:</b>	3740-6-100
<b>Quantity:</b>	100 $\mu$ g
<b>Immunogen:</b>	Human Amyloid- $\beta$
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Synthetic and natural human Amyloid- $\beta$ . Detects different forms of the peptide (mono- and oligomers, protofibrils and fibrils). Binds to residues 3-8.
<b>Concentration:</b>	Supplied at 1 mg/ml in sterile filtered (0.2 $\mu$ m) PBS with 0.02% sodium azide.
<b>Purification:</b>	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
<b>Biotinylation:</b>	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
<b>Storage:</b>	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.
<b>Applications:</b>	For detection of Amyloid- $\beta$ using ELISA, immunohistochemistry and Western blot. Other applications include immunoprecipitation and affinity purification of Amyloid- $\beta$ . For questions and further information please contact Mabtech.
<b>Protocols:</b>	<i>Recommended dilutions:</i> The following dilutions should serve as a general guideline. Further optimization may be required depending on the assay conditions. Western blot: 1:5000 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. ELISA: 1:5000 (when used as detecting antibody in indirect ELISA)

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



Note; for research use only.

Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damages therefrom.

Mabtech AB (Head Office)  
Sweden  
Tel: +46 8 716 27 00  
mabtech@mabtech.com

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Mabtech, Inc.  
USA  
Tel: +1 513 871-4500  
mabtech.usa@mabtech.com



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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