Monoclonal Mouse Antibody to ß-Amyloid Protein

Catalog No.:	Mob 410, Mob 410-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	A synthetic ß-amyloid peptide (1-40) conjugated to KLH.
Clone:	BAM-10
Isotype:	IgG1
Format:	This antibody is supplied as diluted ascites containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. Suitable for formalin fixed, paraffin embedded tissue sections.
Specificity:	This antibody reacts with ß-amyloid protein. This antibody stains Amyloid plaques within the cortex and Amyloid deposits in blood vessels. ß-amyloid deposits are also detected in Lewy body dementia, Down's syndrome, amyloidosis, and in Gram-Parkinson dementia complex. The presence of a large number of neuritic plaques (senile) and neurofibrillary tangles in the cerebral cortex is used as pathological markers for a disease state and presents the major criterion for diagnosis of Alzheimer's disease at autopsy.
Positive Control:	Brain
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Kang et al. Nature 325: 733, 1987. ii) Tanzi et al. Nature 331: 528, 1988. iii) Weidemann et al. Cell 57: 115, 1989. iv) Yanker et al. Science 245: 417, 1989.

IVD: For In Vitro Diagnostic Use

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