Amyloid-beta monoclonal antibody, clone McSA1

Catalog Number: MAB5669

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against synthetic peptide of Beta Amyloid.

Clone Name: McSA1

Immunogen: A synthetic peptide corresponding to amino acids 1-40 of human APP.

Host: Mouse

Reactivity: Human

Applications: ICC, IHC, IP, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: Progressive deposition of insoluble aggregates of the 39 to 43 amino acid amyloid beta (Abeta) peptide derived from the proteolytic cleavage of the amyloid beta protein precursor (AbetaPP), gives rise to one of the pathological hallmarks of Alzheimer's disease (AD).

Form: Lyophilized

Isotype: IgG1, kappa

Recommend Usage: Immunohistochemistry (1:500)
Immunocytochemistry (1:500)
The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from culture medium

Storage Instruction: Store at -20°C.
After reconstitution with 100 uL of distilled water. Store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 351

Gene Symbol: APP

Gene Alias: AAA, ABETA, ABPP, AD1, APPI, CTFgamma, CVAP, PN2

Gene Summary: This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

References: