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Amyloid Beta ( 35-40 ) ( 1A10 ) A Anti-Human Mouse IgG MoAb

单克隆抗体

产品货号: MA01078

第三版

免疫原:Synthetic peptide of human Amyloid Beta A (35-40) (MVGGVV).

亚型:IgG1

克隆:1A10

**描述:**Alzheimer ' s disease (AD) is characterized by the presence of extracellular plaques and intracellular neurofibrillary tangles (NFTs) in the brain. The major protein component of these plaques is beta amyloid peptide (A<sub>β</sub>), a 40 to 43 amino acid peptide cleaved from amyloid precursor protein by  $\beta$ -secretase and a putative  $\gamma$ -secretase. Increased release of the ' longer forms ' of A<sub>β</sub> peptide, A<sub>β</sub> 42 or A<sub>β</sub> 43, which have a greater tendency to aggregate than A<sub>β</sub> 40, occurs in individuals expressing certain genetic mutations, expressing certain ApoE alleles, or may involve other, still undiscovered, factors. Many researchers theorize that it is this increased release of A<sub>β</sub> 42/A<sub>β</sub> 43 which leads to the abnormal deposition of A<sub>β</sub> and the associated neurotoxicity in the brains of affected individuals.

**配方:**Lyophilized product in PBS containing 1 % BSA and 0.05 % NaN<sub>3</sub>.

**浓度:**1.0 mL deionized water will be added to the product, then its concentration comes to 50  $\mu$ g/mL.

**保存:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.

**应用:**ELISA, WB, ICC/IF