



APP Mouse Monoclonal Antibody

E10-20069

Background: Amyloid precursor protein (APP), with 32-amino acid protein (about 35 kDa), is part of a super-family of transmembrane and secreted proteins. It appears to have a number of roles, including regulation of haemostasis and mediation of neuroprotection. APP undergoes alternative splicing, resulting in several isoforms. Proteolytic cleavage of amyloid precursor protein leads to the formation of the 4 kDa amyloid beta/A4 protein, which is present in human platelets. APP is also involved in the formation of neurofibrillary tangles and plaques that characterize the senile plaques of Alzheimer patients.

Catalog Number: E10-20069

Amount: 100 µg/100 µl

Clone Number: 1B11F3

Species: Mouse IgG2a

Aliases: APP

Entrez Gene: 351

Immunogen: Purified recombinant fragment of APP expressed in E. Coli.

Storage: Store at 4 °C, for long term storage, store at -20 °C

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, ELISA: Propose dilution 1/10000.

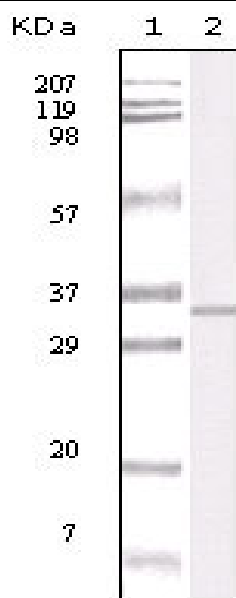


Figure 1: Western blot analysis using APP mouse mAb against truncated APP recombinant protein.

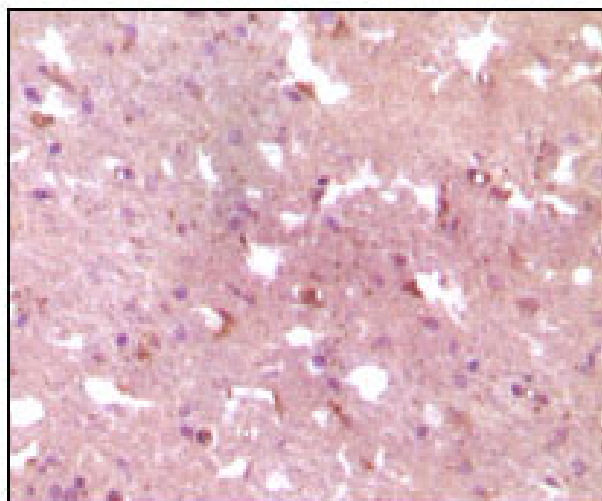


Figure 2: Immunohistochemical analysis of paraffin-embedded human Alzheimer brain tissue, showing cytoplasmic localization using APP mouse mAb with DAB staining.