

32-6044: Mouse Anti Human Amyloid Beta A4 Protein(Clone:PJ4H9AT.)

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| Clonality : | Monoclonal |
| Clone Name : | PJ4H9AT. |
| Application : | ELISA,WB |
| Gene : | APP |
| Gene ID : | 351 |
| Uniprot ID : | P05067 |
| Format : | Purified |
| Alternative Name : | Amyloid beta A4 protein,Alzheimer disease amyloid protein,ABPP,APPI,APP,PreA4,Cerebral vascular amyloid peptide,CVAP,Protease nexin-II,PN-II,A4,AD1,AAA,PN2,ABETA,CTFgamma. |
| Isotype : | Mouse IgG2b heavy chain and ? light chain. |
| Immunogen Information : | Anti-human APP mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human APP amino acids 18-289 purified from E. coli. |

Description

APP is a cell surface receptor and transmembrane precursor protein which 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 the APP gene are implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy).

Product Info

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| Amount : | 20 µg |
| Purification : | APP antibody was purified from mouse ascitic fluids by protein-G affinity chromatography. |
| Content : | 1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide. |
| Storage condition : | For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles. |

Application Note

APP antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.