
APP (1B11) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252651

Unit: 0.1 ml

Description:

APP (Amyloid Protein Precursor) is 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, whereas 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). In addition, APP is associated with neurological disorders related to type II diabetes and Down's syndrome.

Isotype: Mouse IgG2a

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Amyloid beta A4 protein; Alzheimer disease amyloid protein; ABPP; APPI; APP PreA4; Cerebral vascular amyloid peptide; CVAP; Protease nexin-II; PN-II; A4; APP; AD1

Accession No.: P05067

Antigen: Purified recombinant fragment of APP expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.