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12-9490: Anti-APP antibody(3D7); IgG1 Chimeric mAb

Clonality: Monoclonal

Clone Name: 3D7 **FACS** Application: Reactivity: Human **Uniprot ID:** P05067

Alternative Name: AAA;ABETA;ABPP;AD1;APPI;CTFgamma;CVAP;PN-II;PN2;preA4

Isotype: Rabbit/Human Fc chimeric IgG1

Description

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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. In addition, two of the peptides are antimicrobial peptides, having been shown to have bacteriocidal and antifungal activities. 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 RefSeg, Aug 2014]

Product Info

Amount: 10 μg / 100 μg

Purification: Purified from cell culture supernatant by affinity chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Content:

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended Storage condition:

for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

Application Note

FACS 1/100

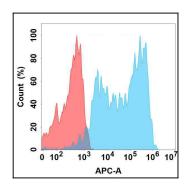


Figure 1. Flow cytometry analysis with Anti-APP (3D7) mAb on Expi293 cells transfected with human APP (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).