

Mouse Monoclonal Antibody to APP

Catalogue Number	sAP-1058
Target Molecule	<p>Name: APP</p> <p>Aliases: AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma</p> <p>MW: 87kDa</p> <p>Entrez Gene ID: 351</p>
Description	<p>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. 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.</p>
Immunogen	Purified recombinant fragment of human APP (AA: 483-699) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5H10A10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Proc Natl Acad Sci U S A. 2013 Sep 3;110(36):14604-9.; 2. ACS Chem Neurosci. 2013 Mar 20;4(3):454-62.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**