

Mouse Monoclonal Antibody to BACE1

Catalogue Number	sAP-0915
Target Molecule	Name: BACE1 Aliases: ASP2; BACE; HSPC104 MW: 55.7kDa
Description	Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein (APP) by two proteases, one of which is the protein encoded by this gene. The encoded protein, a member of the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease that is found mainly in the Golgi. Multiple transcript variants encoding different isoforms have been described for this gene. ; ;
Immunogen	Purified recombinant fragment of human BACE1 (AA: 112-324) expressed in E. Coli.
Reactive Species	Human; Mouse; Rat;
Clone	MM3C1C3;
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 H2O, 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; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Neurochem. 2012 Jan;120 Suppl 1:62-70. ; 2. Eur J Neurosci. 2010 Oct;32(7):1223-38. ;

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 end users! This product is sold for **Research Use Only**