

Mouse Monoclonal Antibody to BDNF

Catalogue Number	sAP-0900
Target Molecule	<p>Name: BDNF</p> <p>Aliases: ANON2; BULN2</p> <p>MW: 27.8kDa</p> <p>Entrez Gene ID: 627</p>
Description	The protein encoded by this gene is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimer's and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene. ;
Immunogen	Purified recombinant fragment of human BDNF (AA: 19-248) expressed in E. Coli.
Recombinant Species	Human;
Clone	MM3D9C5;
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; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Br J Cancer. 2013 Jan 15;108(1):121-30. ; 2. PLoS One. 2012;7(8):e42676. ;

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**