

Mouse Monoclonal Antibody to CHRNB2

Catalogue Number	sAP-1600
Target Molecule	Name: CHRNB2 Aliases: EFNL3; nAChRB2 MW: 57kDa Entrez Gene ID: 1141
Description	Neuronal acetylcholine receptors are homo- or heteropentameric complexes composed of homologous alpha and beta subunits. They belong to a superfamily of ligand-gated ion channels which allow the flow of sodium and potassium across the plasma membrane in response to ligands such as acetylcholine and nicotine. This gene encodes one of several beta subunits. Mutations in this gene are associated with autosomal dominant nocturnal frontal lobe epilepsy.
Immunogen	Purified recombinant fragment of human CHRNB2 (AA: extra 26-233) expressed in E. Coli.
Recitative Species	Human;
Clone	MM2D12A2
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: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Prog Neuropsychopharmacol Biol Psychiatry. 2015 Jun 3;59:84-90.2.Cancer Epidemiol Biomarkers Prev. 2009 Oct;18(10):2608-12.

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**