

## Mouse Monoclonal Antibody to CHRNB2

<b>Catalogue Number</b>	sAP-1600
<b>Target Molecule</b>	<b>Name:</b> CHRNB2 <b>Aliases:</b> EFNL3; nAChRB2 <b>MW:</b> 57kDa <b>Entrez Gene ID:</b> 1141
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human CHRNB2 (AA: extra 26-233) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM2D12A2
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	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
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. <i>Prog Neuropsychopharmacol Biol Psychiatry</i> . 2015 Jun 3;59:84-90. 2. <i>Cancer Epidemiol Biomarkers Prev</i> . 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**