
Product Name: CHRNB2 Mouse Monoclonal Antibody**Catalog #: AMM81907**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	57kDa

Antigen Information

Gene Name	CHRNB2
Alternative Names	EFNL3; nAChRB2
Gene ID	1141.0
SwissProt ID	P17787
Immunogen	Purified recombinant fragment of human CHRNB2 (AA: extra 26-233) expressed in E. Coli.

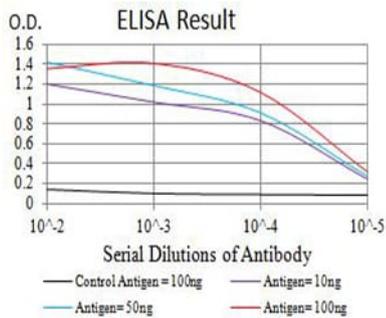
Background

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.

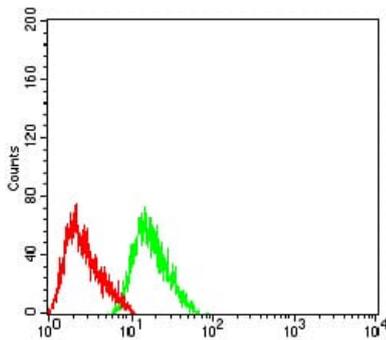
Mutations in this gene are associated with autosomal dominant nocturnal frontal lobe epilepsy.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of SH-SY5Y cells using CHRN2 mouse mAb (green) and negative control (red).