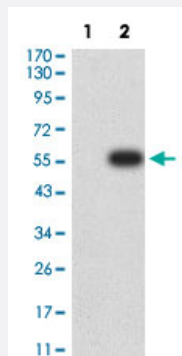


CHRNA2 monoclonal antibody, clone 2D12A2

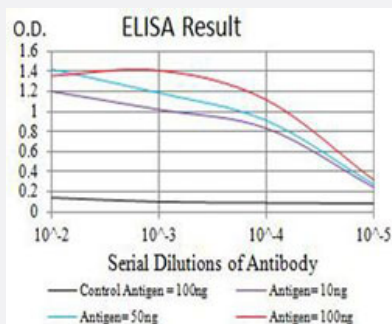
Catalog # MAB17936 Size 100 ug

Applications



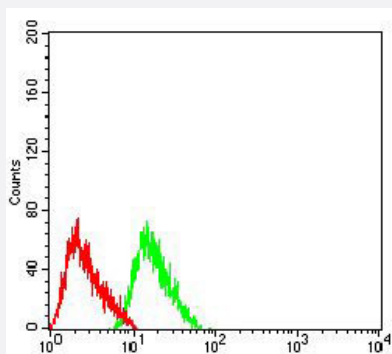
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CHRNA2-hlgGfC transfected HEK293 cell lysates with CHRNA2 monoclonal antibody, clone 2D12A2 (Cat # MAB17936).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CHRNA2 monoclonal antibody, clone 2D12A2 (Cat # MAB17936).



Flow Cytometry

Flow cytometric analysis of SH-SY5Y cells with CHRNA2 monoclonal antibody, clone 2D12A2 (Cat # MAB17936) (Green). Red: Negative Control.

Specification

Product Description

Mouse monoclonal antibody raised against partial recombinant human CHRNA2.

Immunogen	Recombinant protein corresponding to amino acids 26-233 of human CHRN2.
Host	Mouse
Theoretical MW (kDa)	57
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CHRN2-hlgFc transfected HEK293 cell lysates with CHRN2 monoclonal antibody, clone 2D12A2 (Cat # MAB17936).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CHRN2 monoclonal antibody, clone 2D12A2 (Cat # MAB17936).

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Flow cytometric analysis of SH-SY5Y cells with CHRN2 monoclonal antibody, clone 2D12A2 (Cat # MAB17936) (Green). Red: Negative Control.

Gene Info — CHRN2

Entrez GeneID	1141
Protein Accession#	P17787
Gene Name	CHRN2

Gene Alias	EFNL3, nAChRB2
Gene Description	cholinergic receptor, nicotinic, beta 2 (neuronal)
Omim ID	118507 605375
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000035374 cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal) neuronal nicotinic acetylcholine receptor beta 2

Disease

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