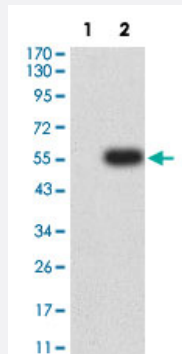


CHRNA5 monoclonal antibody, clone 2D2D10

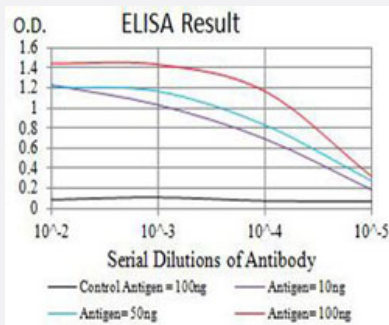
Catalog # MAB17928 Size 100 ug

Applications



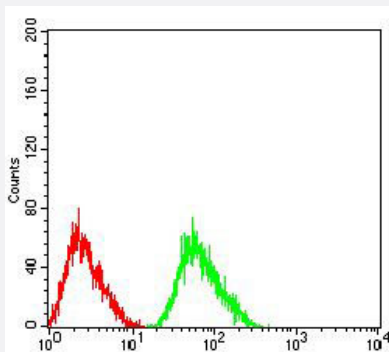
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CHRNA5-hlgGfC transfected HEK293 cell lysates with CHRNA5 monoclonal antibody, clone 2D2D10 (Cat # MAB17928).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CHRNA5 monoclonal antibody, clone 2D2D10 (Cat # MAB17928).



Flow Cytometry

Flow cytometric analysis of SK-N-SH cells with CHRNA5 monoclonal antibody, clone 2D2D10 (Cat # MAB17928) (Green). Red: Negative Control.

Specification

Product Description

Mouse monoclonal antibody raised against partial recombinant human CHRNA5.

Immunogen	Recombinant protein corresponding to amino acids 23-254 of human CHRNA5.
Host	Mouse
Theoretical MW (kDa)	53
Reactivity	Human
Form	Liquid
Isotype	IgG1
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: CHRNA5-hlgGfc transfected HEK293 cell lysates with CHRNA5 monoclonal antibody, clone 2D2D10 (Cat # MAB17928).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CHRNA5 monoclonal antibody, clone 2D2D10 (Cat # MAB17928).

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Flow cytometric analysis of SK-N-SH cells with CHRNA5 monoclonal antibody, clone 2D2D10 (Cat # MAB17928) (Green). Red: Negative Control.

Gene Info — CHRNA5

Entrez GeneID	1138
Protein Accession#	P30532
Gene Name	CHRNA5

Gene Alias	LNCR2
Gene Description	cholinergic receptor, nicotinic, alpha 5
Omim ID	118505
Gene Ontology	Hyperlink
Gene Summary	Nicotinic acetylcholine receptors (nAChRs), such as CHRNA5, are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are thought to be (hetero)pentamers composed of homologous subunits. See MIM 118508 for additional background information on AChRs.[supplied by OMIM]
Other Designations	Cholinergic receptor, neuronal nicotinic, alpha polypeptide-5 cholinergic receptor, nicotinic, alpha polypeptide 5 neuronal nicotinic acetylcholine receptor, alpha5 subunit

Disease

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