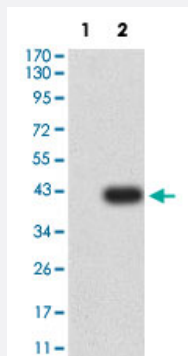


CHRM5 monoclonal antibody, clone 7E5H11

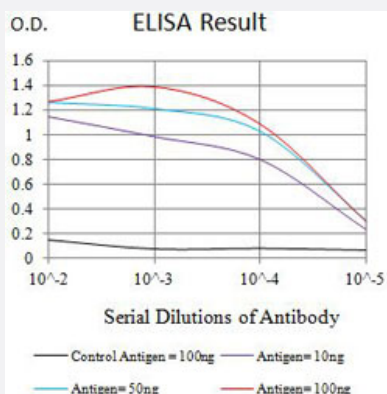
Catalog # MAB21382 Size 100 ug

Applications



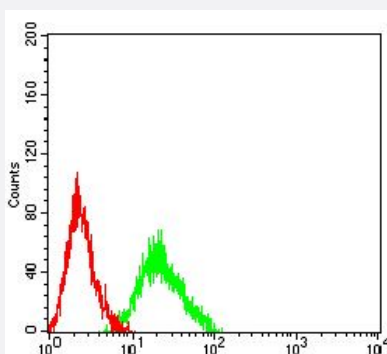
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CHRM5-hlgGfC transfected HEK293 cell lysates with CHRM5 monoclonal antibody, clone 7E5H11 (Cat # MAB21382).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CHRM5 monoclonal antibody, clone 7E5H11 (Cat # MAB21382).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with CHRM5 monoclonal antibody, clone 7E5H11 (Cat # MAB21382) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CHRM5.
Immunogen	Recombinant protein corresponding to human CHRM5.
Host	Mouse
Theoretical MW (kDa)	42.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) 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: CHRM5-hlgGfc transfected HEK293 cell lysates with CHRM5 monoclonal antibody, clone 7E5H11 (Cat # MAB21382).

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Gene Info — CHRM5

Entrez GeneID [1133](#)

Protein Accession# [P08912](#)

Gene Name	CHRM5
Gene Alias	HM5, MGC41838
Gene Description	cholinergic receptor, muscarinic 5
Omim ID	118496
Gene Ontology	Hyperlink
Gene Summary	The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The clinical implications of this receptor are unknown; however, stimulation of this receptor is known to increase cyclic AMP levels. [provided by RefSeq]
Other Designations	OTTHUMP00000159731 muscarinic acetylcholine receptor M5

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Mental Disorders](#)
- [NARP](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)