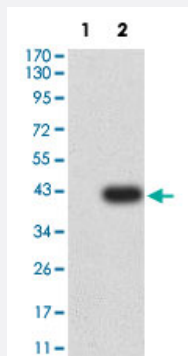


CHRM3 monoclonal antibody, clone 4A6B7

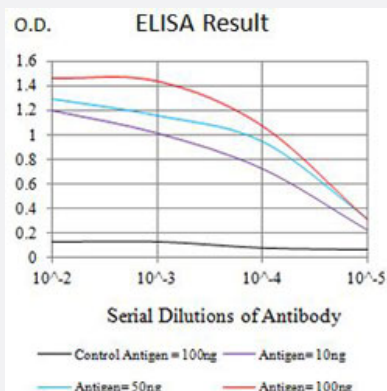
Catalog # MAB21328 Size 100 ug

Applications



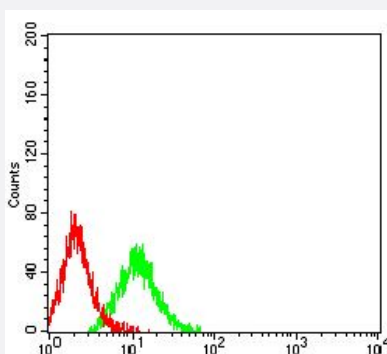
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CHRM3-hlgGfC transfected HEK293 cell lysates with CHRM3 monoclonal antibody, clone 4A6B7 (Cat # MAB21328).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CHRM3 monoclonal antibody, clone 4A6B7 (Cat # MAB21328).



Flow Cytometry

Flow cytometric analysis of Jurkat cells with CHRM3 monoclonal antibody, clone 4A6B7 (Cat # MAB21328) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CHRM3.
Immunogen	Recombinant protein corresponding to human CHRM3.
Host	Mouse
Theoretical MW (kDa)	66
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: CHRM3-hlgGfc transfected HEK293 cell lysates with CHRM3 monoclonal antibody, clone 4A6B7 (Cat # MAB21328).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CHRM3 monoclonal antibody, clone 4A6B7 (Cat # MAB21328).

- Flow Cytometry

Flow cytometric analysis of Jurkat cells with CHRM3 monoclonal antibody, clone 4A6B7 (Cat # MAB21328) (Green). Red: Negative Control.

Gene Info — CHRM3

Entrez GeneID [1131](#)

Protein Accession# [P20309](#)

Gene Name	CHRM3
Gene Alias	HM3
Gene Description	cholinergic receptor, muscarinic 3
Omim ID	118494
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 muscarinic cholinergic receptor 3 controls smooth muscle contraction and its stimulation causes secretion of glandular tissue. [provided by RefSeq]
Other Designations	m3 muscarinic receptor muscarinic acetylcholine receptor M3

Pathway

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

Disease

- [Asthma](#)
- [Bipolar Disorder](#)
- [Bronchial Hyperreactivity](#)
- [Celiac Disease](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)