

CHRM2 rabbit monoclonal antibody

Catalog # H00001129-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CHRM2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CHRM2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CHRM2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CHRM2

Entrez GeneID	1129
GeneBank Accession#	CHRM2
Gene Name	CHRM2
Gene Alias	FLJ43243, HM2, MGC120006, MGC120007
Gene Description	cholinergic receptor, muscarinic 2
Omim ID	118493
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 to these receptors and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degradation, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]
Other Designations	7TM receptor cholinergic receptor, muscarinic 2, isoform a muscarinic M2 receptor muscarinic acetylcholine receptor M2

Pathway

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

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Asthma](#)

- [Bipolar Disorder](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Hypercholesterolemia](#)
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- [Mental Disorders](#)
- [Mood Disorders](#)
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- [Neuropsychological Tests](#)
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- [Schizophrenic Psychology](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)
- [Wechsler Scales](#)

- [Weight Gain](#)