

Product Name: CHRM3 Mouse Monoclonal Antibody**Catalog #: AMM82999**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	FC 1:200-1:400
Molecular Weight	66kDa

Antigen Information

Gene Name	CHRM3
Alternative Names	HM3;PBS;EGBRS;m3AChR
Gene ID	1131.0
SwissProt ID	P20309
Immunogen	

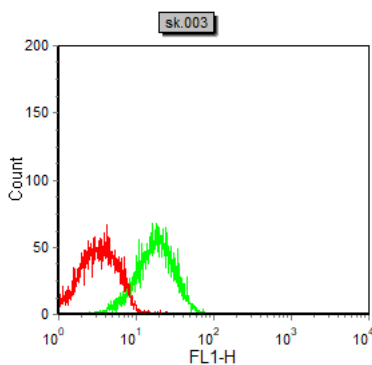
Background

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. Alternative promoter use and alternative splicing results in multiple transcript variants that have different tissue specificities. [provided by RefSeq, Dec 2016]

Research Area

Image Data



Flow cytometric analysis of SK-N-SH cells using CHRM3 mouse mAb (green) and negative control (red).