

CHRM3 monoclonal antibody

Catalog: MB23474

Host: Mouse

Reactivity: Human, Mouse, Rabbit

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]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

66kDa

Swiss-Prot:

P20309

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200-1/400 IF:1/25-1/50 FC:1/200 - 1/400

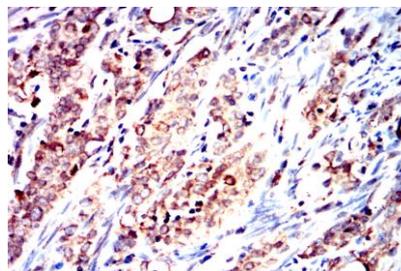
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

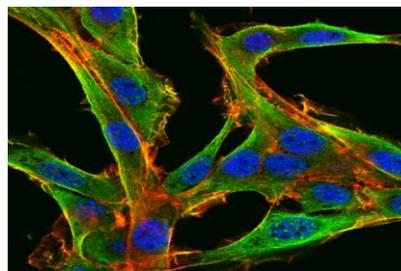
Isotype:

Mouse IgG2a

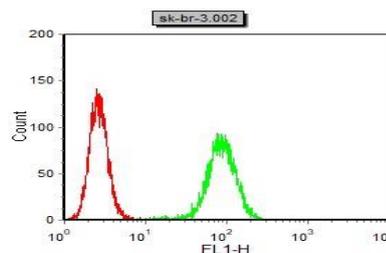
DATA:



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CHRM3 mouse mAb with DAB staining.



Confocal Immunofluorescence analysis of NIH3T3 cells using CHRM3 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of SK-BR-3 cells using CHRM3 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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