bs-11998R **[Primary Antibody]**

CHRM4 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1132 **SWISS:** P08173

Target: CHRM4

Immunogen: KLH conjugated synthetic peptide derived from human CHRM4/mAChR M4: 1-31/479. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 clinical implications of this receptor are unknown; however, mouse studies link its function to adenylyl cyclase inhibition. [provided by RefSeq, Jul 2008]

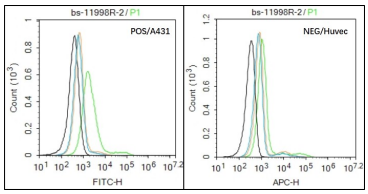
Applications: **Flow-Cyt** (1µg/Test)

Reactivity: Human (predicted: Mouse, Rat)

Predicted MW.: 53 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Black line : Positive blank control A431); Negative blank control (Huvec） Green line : Primary Antibody (Rabbit Anti-CHRM4 antibody (bs-11998R)) Orange line：Isotype Control Antibody (Rabbit IgG) . Blue line : Secondary Antibody (Goat anti-rabbit IgG-AF488) A431 （Positive）and HUVEC Negative control）cells (black) were incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with CHRM4 Antibody(bs-11998R)at 1:50 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody(blue) incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).

SELECTED CITATIONS

- **[IF=1.642]** Tong L et al. Effects of topical pilocarpine on ocular growth and refractive development in rabbits. Eur J

Ophthalmol. 2020 Jun 11;1120672120934962. IHC,WB ;Rabbit. 32524847