Rabbit CHRM4 mAChR M4 Polyclonal Antibody | anti-CHRM4 antibody

CHRM4 mAChR M4 Antibody FITC Conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313007	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Flow Cytometry, Functional Assay, Immunofluorescence**

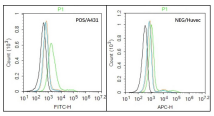
PRODUCT SYNONYMS

CHRM4 mAChR M4; Polyclonal Antibody; CHRM4 mAChR M4 Antibody FITC Conjugated; HM4; M4R; Muscarinic acetylcholine receptor M4; CHRM4; anti-CHRM4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by Protein A
Form/Format	0.01M TBS (pH 7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-CHRM4 antibody	ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Conjugation	FITC
Excitation Emission	494nm 518nm
Immunogen	KLH conjugated synthetic peptide aa 1-31 479 derived from human CHRM4 mAChR M4
Cell Localization	Extracellular
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles

IMAGES



Black line : Positive blank control（A431); Negative blank control (Huvec）
Green line : Primary Antibody (AAA313007)
Orange line：Isotype Control Antibody (Rabbit IgG）.
Blue line : Secondary Antibody (Goat anti-rabbit IgG-BF488)
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 Antibody (AAA313007) 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).

FCM (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-CHRM4 antibody	The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is inhibition of adenylate cyclase.

Product Categories/Family for anti-CHRM4 antibody	Conjugated Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	52426748
NCBI GeneID	1132
NCBI Accession #	NP_000732.2
NCBI GenBank Nucleotide #	NM_000741.2
UniProt Accession #	P08173; Q0VD60; Q4VBK7; B2RPP4
NCBI Official Full Name	muscarinic acetylcholine receptor M4
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 4
NCBI Official Symbol	CHRM4
NCBI Official Synonym Symbols	HM4; M4R
NCBI Protein Information	muscarinic acetylcholine receptor M4; acetylcholine receptor, muscarinic 4
UniProt Protein Name	Muscarinic acetylcholine receptor M4
UniProt Gene Name	**CHRM4**
UniProt Entry Name	ACM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/chrm4-machr-m4-antibody-immunocytochemistry-flow-cytometry-immunofluorescence-elisa/313007