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anti-CHRM3 antibody





Overview

Quantity:	0.1 mg
Target:	CHRM3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CHRM3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CHRM3 (AA: extra mix) expressed in E. coli.
Clone:	4A6B7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CHRM3
Alternative Name:	CHRM3 (CHRM3 Products)
Background:	Description: 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

Target Details

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.

Aliases: HM3, PBS, EGBRS

Molecular Weight: 66 kDa

Gene ID: 1131

Pathways: Synaptic Membrane

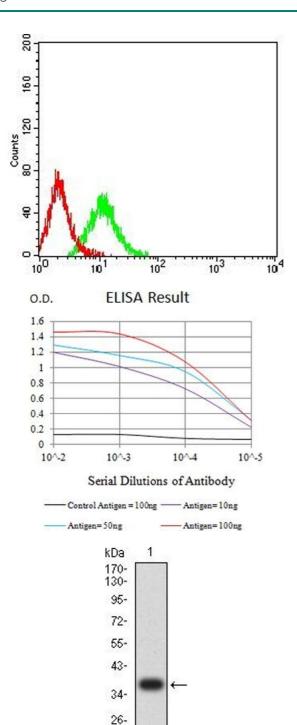
Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



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Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using CHRM3 mouse mAb (green) and negative control (red).

ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using CHRM3 mAb against human CHRM3 (AA: extra mix) recombinant protein. (Expected MW is 37.9 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193217.