Human CHRM3
Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 580011

Catalog Number: FAB6378N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects HEK293 cells transfected with human CHRM3 in Cell-based ELISA
Source	Monoclonal Mouse IgG_{2B} Clone # 580011
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CHRM3 Accession # P20309
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	HEK293 Human Cell Line Transfected with Human CHRM3 and eGFP

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** • 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Muscarinic acetylcholine receptor M3 (CHRM3) is a 65 kDa 7-transmembrane glycoprotein that is predominantly expressed in the central nervous system, smooth muscle, and heart. CHRM3 mediates signal transduction in the autonomic nervous system in response to muscarinic agonists. Human CHRM3 shares 92% aa sequence identity with mouse and rat CHRM3.

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bio-techne®
Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956
USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373
Europe | Middle East | Africa TEL +44 (0)1235 529449