

DESCRIPTION

Species Reactivity	Human
Specificity	Detects HEK293 cells transfected with human CHR3 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 CHR3 Accession # P20309
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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 CHR3 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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Muscarinic acetylcholine receptor M3 (CHR3) is a 65 kDa 7-transmembrane glycoprotein that is predominantly expressed in the central nervous system, smooth muscle, and heart. CHR3 mediates signal transduction in the autonomic nervous system in response to muscarinic agonists. Human CHR3 shares 92% aa sequence identity with mouse and rat CHR3.

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