Human GPR75 Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 689714

Catalog Number: FAB67281N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GPR75 in direct ELISAs.
Source	Monoclonal Mouse IgG_{2A} Clone # 689714
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human GPR75 Accession # O95800
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.*

Flow Cytometry	Titration recommended for optimal concentration with starting range of 0.1-1 µg/1 million cells. Sample used for this experiment was HEK293 Human Cell Line Transfected with Human GPR75 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

GPR75 is a 540 amino acid, 7-transmembrane G-protein-coupled glycoprotein receptor mainly expressed in retinal pigment epithelial cells and brain. Polymorphisms in humans have been associated with macular degeneration. GPR75 has been identified as a receptor for CCL5/RANTES in the brain. Collectively, the extracellular domains of human GPR75 share 75% amino acid sequence identity with the corresponding regions of mouse and rat GPR75.

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