

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GPR75 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 689705
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 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% 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.

Immunohistochemistry Optimal dilution of this antibody should be experimentally determined.

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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