Human GPR101
Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG Clone # 909603
Catalog Number: FAB7495G
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GPR101 in Western blots.
Source	Monoclonal Mouse IgG Clone # 909603
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human GPR101 Met1-Pro508, Accession # NP_473362
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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 embryonic kidney cell line transfected with human GPR101 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

GPR101 (G-protein coupled receptor 101), is a member of a family of proteins that contain seven transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. GPR101 is an orphan G protein-coupled receptor of unknown function. mRNA for this gene is detected predominantly in the brain for both human and mouse. The expression of GPR101 is altered by pregnancy and lactation in the rat.

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