

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Human GPR116 in Direct ELISA.
Source	Monoclonal Mouse IgG _{2B} Clone # 1055814
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -expressed recombinant Human GPR116 extracellular domain. His643-Asn945
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

GPR116 belongs to the LN-TM7 subfamily of the G protein-coupled receptor 2 family, also known as adhesion GPCRs. It exists as a highly glycosylated disulfide-linked dimer at the cell surface. GPR116 may have a role in the regulation of acid-base balance and is also being investigated for its involvement in adipocyte biology.

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