Human GPR81 Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 1048103

Catalog Number: FAB11134G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human HCAR1/GPFR81 peptide in direct Elisa
Source	Monoclonal Mouse IgG_1 Clone # 1048103
Purification	Protein A or G purified from ascites
Immunogen	Synthetic peptide corresponding to the N-term sequences of Human HCAR1/GPR81
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.*

Western Blot	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

Human Hydroxycarboxylic acid receptor 1 (HCAR1), also known as GPR81 and GPR194, is a G-protein coupled receptor (GPCR) thatt acts as a receptor for L-lactate and mediates its anti-lipolytic effect through a G(i)-protein-mediated pathway.

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