

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human HCAR1/GPR81 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 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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) that acts as a receptor for L-lactate and mediates its anti-lipolytic effect through a G(i)-protein-mediated pathway.

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