

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GPR97 in direct ELISAs.
Source	Recombinant Monoclonal Rabbit IgG Clone # 2435C
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human embryonic kidney cell, HEK293-transfected human GPR97 Met1-Leu249 Accession # Q86Y34
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	HEK293 Human Cell Line Transfected with Human GPR97 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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Adhesion G protein-coupled receptor G3 (ADGRG3, GPR97 or PGR26) is an orphan GPCR receptor that in vitro regulates migration of lymphatic endothelial cells via the small GTPases RhoA and CDC42. GPR97 is a 549 aminoacids (aa) 7-transmembrane domain (7TM) receptor belonging to the secretin sub-family of GPCR. Human GPR97 is expressed in granulocytes and endothelial cells of the vasculature.

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