

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LPAR5/LPA ₅ /GPR92 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2A} Clone # 459812
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human LPAR5/LPA ₅ /GPR92 Accession # Q9H1C0
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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 LPAR5/LPA ₅ /GPR92 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

GPR92 is a receptor for lysophosphatidic acid (LPA). It belongs to the G-protein coupled receptor 1 family. LPL receptors are integral membrane proteins that are important for lipid signaling. Functions of LPL receptors include inhibition of adenylyl cyclase and release of calcium from the endoplasmic reticulum. Secondary effects also include preventing apoptosis and increasing cell proliferation.

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