

# Human LPAR5/LPA<sub>5</sub>/GPR92 Alexa Fluor® 350-conjugated Antibody

Monoclonal Mouse IgG<sub>2A</sub> Clone # 459812

Catalog Number: FAB10297U

100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human LPAR5/LPA <sub>5</sub> /GPR92 in direct ELISAs.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 459812
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with human LPAR5/LPA <sub>5</sub> /GPR92 Accession # Q9H1C0
<b>Conjugate</b>	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
<b>Formulation</b>	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
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	HEK293 Human Cell Line Transfected with Human LPAR5/LPA <sub>5</sub> /GPR92 and eGFP

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## 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.

## PRODUCT SPECIFIC NOTICES

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