

Anti-LPAR1 hlgG1 Antibody(Ab12)

Product information

GM-88354AB-10	10 µg
GM-88354AB-100	100 µg
GM-88354AB-1000	1 mg

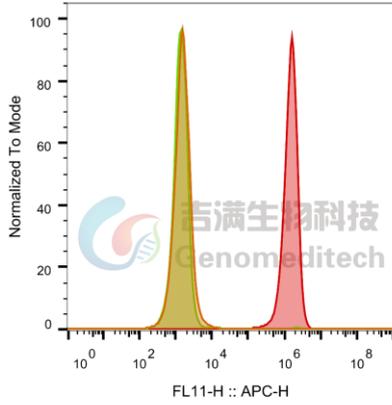
Antibody Information

Species Reactivity	Human
Clone	Ab12
Source/Isotype	Human IgG1 (L234A/L235A), Kappa
Application	Flow Cytometry
Target	Detects LPAR1
Gene	LPAR1
Other Names	EDG2, Gpcr26, LPA1, Mrec1.3, VZG1, edg-2, rec.1.3, vzg-1
Gene ID	1902 (human)
Background	The lysophosphatidic acid receptor 1 encoded by the LPAR1 gene is an important member of the G protein-coupled receptor family, which mainly mediates LPA signaling, and plays an important role in the regulation of LPA signaling, plays a central role in regulating key physiological processes such as cell proliferation, migration, and survival. It is involved in various pathological processes such as cancer, pulmonary fibrosis, radiation-induced lung injury and neurodevelopmental disorders, and is an important target for drug research and development.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

H_LPAR1 HEK-293 Cell Line (Catalog # GM-C41809) was stained with Anti-LPAR1 hIgG1 Antibody(Ab12) (Catalog # GM-88354AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
HEK-293 anti-LPAR1+APC-2nd Ab	1542
HEK-293 H_LPAR1 H_IgG+APC-2nd Ab	1433
HEK-293 H_LPAR1 anti-LPAR1+APC-2nd Ab	1.43E6

Fig. FACS