

Product datasheet for TA503737

EDG2 (LPAR1) Mouse Monoclonal Antibody [Clone ID: OTI1G6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1G6
Applications:	FC, IF, WB
Recommend Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human LPAR1(NP_001392) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.8 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	40.9 kDa
Gene Name:	lysophosphatidic acid receptor 1
Database Link:	NP_001392 Entrez Gene 1902 Human
Background:	The integral membrane protein encoded by this gene is a lysophosphatidic acid (LPA) receptor from a group known as EDG receptors. These receptors are members of the G protein-coupled receptor superfamily. Utilized by LPA for cell signaling, EDG receptors mediate diverse biologic functions, including proliferation, platelet aggregation, smooth muscle contraction, inhibition of neuroblastoma cell differentiation, chemotaxis, and tumor cell invasion. Two transcript variants encoding the same protein have been identified for this gene [provided by RefSeq, Jul]
Synonyms:	edg-2; EDG2; Gpcr26; GPR26; LPA1; Mrec1.3; rec.1.3; vzg-1; VZG1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Gap junction, Neuroactive ligand-receptor interaction



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