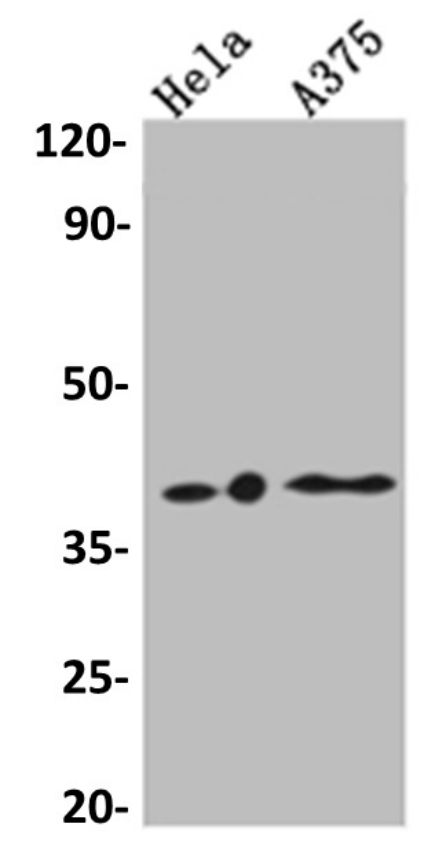
RecomAb™ Sm Size

LPAR1 recombinant monoclonal antibody, clone 4C3

Catalog # RAB08473 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Hela whole cell lysate, A375 whole cell lysate with LPAR1 recombinant monoclonal antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LPAR1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human LPAR1.
Theoretical MW (kDa)	42

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Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  Western blot analysis of Hela whole cell lysate, A375 whole cell lysate with LPAR1 recombinant monoclonal antibody.

Gene Info — LPAR1

Entrez GeneID	1902
Protein Accession#	Q92633
Gene Name	LPAR1
Gene Alias	EDG2, GPR26, Gpcr26, LPA1, Mrec1.3, VZG1, edg-2, rec.1.3, vzg-1
Gene Description	lysophosphatidic acid receptor 1
Omim ID	602282
Gene Ontology	Hyperlink

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Gene Summary	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
Other Designations	OTTHUMP00000021903|OTTHUMP00000021904|OTTHUMP00000021905|endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2|ventricular zone gene 1

Pathway

- Gap junction
- Neuroactive ligand-receptor interaction

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Osteoarthritis

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