

Low-density Lipoprotein Receptor-related Protein 1 (LRP1) Mouse Monoclonal (RPE) Antibody

CatalogID:	LS-C44147
Target Protein:	Low-density Lipoprotein Receptor-related Protein 1 (LRP1)
Gene Synonyms:	LRP1, A2MR, APOER, APR, CD91, LRP, MGC88725, TGFBR5, low-density lipoprotein receptor-related protein 1, low-density lipoprotein receptors-related protein 1
Host:	Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Modifications:	R. Phycoerythrin (RPE)
Antigen Species:	
Antigen Type:	Native protein
Immunogen:	Native protein
Specificity:	Purified alpha2 macroglobulin receptor
Species Reactivity:	Human
Purification:	Protein G column
Volume:	100 μ l
Presentation:	Phosphate buffered saline pH7.4
Uses:	IHC-Fr (Optimal dilution to be determined by the researcher)
Summary:	<p>Recognises human CD91 a type I membrane protein which is also known as the alpha 2 macroglobulin receptor (alpha 2MR). Recognises an epitope in the extracellular region of the 500kD alpha chain.</p> <p>The low-density lipoprotein receptor related protein 1 (LRP1) is a cell surface protein highly expressed in liver that has close structural and biochemical similarities to the LDL receptor. LRP1 strongly binds calcium and mediates the clearance of chylomicron remnants from the plasma. LRP1 was also separately cloned as the alpha-2-macroglobulin receptor (A2MR) and is necessary for the A2M mediated clearance of beta-amyloid 40 and 42 via receptor-mediated endocytosis. LRP1 may undergo cleavage and the small C-terminal intracellular domain may be found in the cytoplasm or the nucleus of cells.</p>

Laboratory Reagent For In Vitro Research Use Only

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