Product Datasheet

LPL antibody (orb1140411)

Description	Mouse monoclonal antibody to LPL
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	Human LPL whole protein
Form/Appearance	Liquid
Concentration	100ug/100ul
Storage	This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of receipt.
Note	For research use only
Application notes	Western blot (1:100) and ELISA (1:200~500) in lipid metabolic research. Lipoprotein lipase (LPL) is the central enzyme in plasma triglyceride hydrolysis and is secreted by macrophages in the subendothelial space. Evidence has been provided that LPL produced by macrophages in the vessel wall exerts proatherogenic effects. The atherogenic effects of LPL have been mainly attributed to its ability to favor lipid accumulation within macrophages present in the atherosclerotic lesion. Recently, it has also been shown that LPL promotes the development of atherosclerosis through facilitation of monocyte adhesion to endothelial cells, stimulation of tumor necrosis factor alpha (TNF) secretion, and induction of vascular smooth muscle cell proliferation.
Isotype	IgG
Clonality	Monoclonal
Dilution Range	Western blot (1:100) and ELISA (1:200~500) in lipid metabolic research. Lipoprotein lipase (LPL) is the central enzyme in plasma triglyceride hydrolysis and is secreted by macrophages in the subendothelial space. Evidence has been provided that LPL produced by macrophages in the vessel wall exerts proatherogenic effects.

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