

Mouse Monoclonal Antibody to LPL

Catalogue Number	sAP-0272
Target Molecule	Name: LPL Aliases: LIPD, HDLCQ11 MW: 53.1kDa Entrez Gene ID: 4023
Description	LPL: lipoprotein lipase, also known as LIPD, HDLCQ11. Entrez Protein: NP_000228. It is expressed in heart, muscle, and adipose tissue. LPL functions as a homodimer, and has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake. Severe mutations that cause LPL deficiency result in type I hyperlipoproteinemia, while less extreme mutations in LPL are linked to many disorders of lipoprotein metabolism.
Immunogen	Purified recombinant fragment of LPL expressed in E. Coli.
Recombinant Species	Human
Clone	MM2C5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Obesity (Silver Spring). 2008 Jan;16(1):199-201. ; 2. Hum Mutat. 2009 Jan;30(1):49-55. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**