



LPL Mouse Monoclonal Antibody

E10-20331

Background: 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.

Catalog Number: E10-20331

Amount: 100µg/100µl

Clone Number: 2C5

Species: Mouse IgG1

MW: 53.1kDa

Aliases: LIPD, HDLCQ11

Entrez Gene: 4023

Immunogen: Purified recombinant fragment of LPL expressed in E. Coli.

Storage: Store at 4 °C. For long term storage, store at -20 °C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB: 1/500 - 1/2000. ELISA: Propose dilution 1/10000.

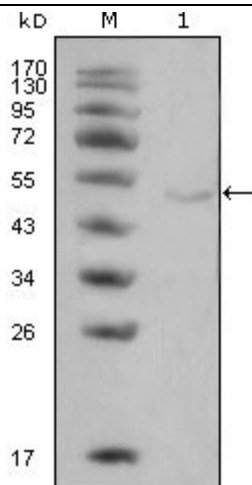


Figure 1: Western blot analysis using LPL mouse mAb against Hela cell lysate (1).

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