

# LPL Monoclonal Antibody

#### Description

Product type	Primary Antibody
Code	BT-MCA0847
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of LPL expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Lipoprotein lipase
Synonyms	LPL; LIPD; Lipoprotein lipase; LPL

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

LPL encodes lipoprotein lipase, which 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.

#### **Recommended Dilution**

ELISA: 1:10000 WB: 1:500 - 1:2000 Not yet tested in other applications.

## Images

nag	м	1
170 130 95 72	-	
55	-	-
43	-	
34	-	
26	-	
17	-	

Western Blot analysis using LPL Monoclonal antibody against HeLa cell lysate (1).

Storage -20°C for one year

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