

**Name:Purified LPL mouse monoclonal antibody,clone 6B4**  
**Product Data Sheet**

**Catalog: TA503784**

Gene Name:Homo sapiens lipoprotein lipase (LPL)  
 GeneBank accession: NM\_000237  
 Isotype: IgG1

Reactivity: Human  
 Test application: WB  
 Clone Name: clone 6B4

**Gene Synonym:** HDLCQ11; LIPD

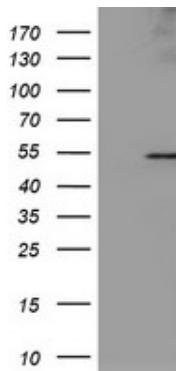
**Validation Data:**

**Guaranteed Applications:** WB

**Western Blot**

**Suggested Dilutions:** WB 1:2000,

**Immunogen:** Human recombinant protein fragment corresponding amino acids 28-475 of human LPL(NP\_000228) produced in E.coli.



**Components:**

- Purified LPL mouse monoclonal antibody,clone 6B4 (TA503784)
- 1 vial of 20ug myc-DDK tagged LPL HEK293T over-expression lysate lyophilized in RIPA buffer (LY400089) (Reconstitute into 20ul of 1x SDS sample buffer before loading)

**Amount:**

TA503784-100 100ul

**Concentration:** 0.5~1.0 mg/ml (Lot Dependent)

**Storage Condition:** Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use.  
 Stable for 12 months from date of receipt.  
 Avoid repeated freeze-thaws.

**Buffer:** PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Purification:**

Purified from mouse ascites fluids by affinity chromatography

**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. [provided by RefSeq].

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LPL (RC203766, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LPL.

**Related Product:**

TrueORF cDNA clones  
 VERIFY Tagged Antigen lysates  
 HuSH-29 shRNA  
 Western Blot reagents  
 Anti-myc/DDK tag antibodies

\* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***

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