

## Product datasheet for **TA503786**

### Lipoprotein lipase (LPL) Mouse Monoclonal Antibody [Clone ID: OTI3F9]

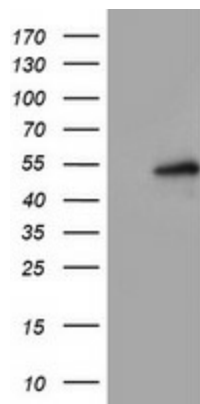
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI3F9  |
| Applications:           | WB  |
| Recommended Dilution:   | WB 1:2000   |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 28-475 of human LPL(NP_000228) produced in E.coli.  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:          | 0.3 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 50.3 kDa  |
| Gene Name:              | lipoprotein lipase  |
| Database Link:          | <a href="#">NP_000228</a><br><a href="#">Entrez Gene 16956 Mouse</a> <a href="#">Entrez Gene 24539 Rat</a> <a href="#">Entrez Gene 4023 Human</a><br><a href="#">P06858</a>   |
| 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] |



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**Synonyms:** HDLCQ11; LIPD  
**Protein Families:** Druggable Genome  
**Protein Pathways:** Alzheimer's disease, Glycerolipid metabolism, PPAR signaling pathway

**Product images:**

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. Positive lysates [LY400089] (100ug) and [LC400089] (20ug) can be purchased separately from OriGene.