



Anti-Lipoprotein lipase monoclonal antibody, clone 3D6 (DCABH-12220)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Target	Lipoprotein lipase
Immunogen	Recombinant protein corresponding to human LPL.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3D6
Conjugate	Unconjugated
Applications	Western Blot (Cell lysate); ELISA
Format	Liquid
Buffer	In ascites (0.03% sodium azide)
Preservative	0.03% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	LPL lipoprotein lipase [Homo sapiens]
Official Symbol	LPL
Synonyms	LPL; lipoprotein lipase; LIPD; HDLCQ11;
Entrez Gene ID	4023
Protein Refseq	NP_000228
UniProt ID	P06858
Chromosome Location	8p22
Pathway	Adipogenesis, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Fatty Acid Beta Oxidation, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem;
Function	heparin binding; hydrolase activity; lipoprotein lipase activity; lipoprotein lipase activity; lipoprotein lipase activity; phospholipase activity; protein binding; receptor binding; triglyceride binding; triglyceride lipase activity; triglyceride lipase