



Anti-Lipoprotein lipase monoclonal antibody, clone 4D9 (DCABH-1022)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Lipoprotein lipase
Antigen Description	The primary function of this lipase is the hydrolysis of triglycerides of circulating chylomicrons and very low density lipoproteins (VLDL). Binding to heparin sulfate proteoglycans at the cell surface is vital to the function. The apolipoprotein, APOC2, acts as a coactivator of LPL activity in the presence of lipids on the luminal surface of vascular endothelium.
Target	Lipoprotein lipase
Immunogen	Recombinant fragment corresponding to a region within Human Lipoprotein lipase (NP_000228) produced in HEK293T cells.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4D9
Purification	Purified from mouse ascites fluids by affinity chromatography
Conjugate	Unconjugated
Applications	WB, IHC-P
Positive Control	Paraffin embedded carcinoma of Human bladder tissue
Format	Liquid
Size	100 µl

Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

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