

Mouse Lipoprotein Lipase Monoclonal Antibody | anti-LPL antibody

Mouse Anti-Lipoprotein Lipase [5D2]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13581	Mouse	Human, Mouse, Rat, Syrian Hamster, Cat	Immunofluorescence, ELISA, Western Blot, Flow Cytometry, Functional Assay

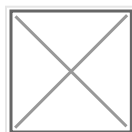
PRODUCT SYNONYMS

Lipoprotein Lipase; Monoclonal Antibody; Mouse Anti-Lipoprotein Lipase [5D2]; LIPD antibody; LIPL_HUMAN antibody; Lipoprotein lipase antibody; LPL antibody; LPL protein antibody; anti-LPL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Syrian Hamster, Cat
Clonality	Monoclonal
Isotype	IgG
Clone Number	5D2
Specificity	Human, Mouse, Rat LPL Doesn't recognize hepatic lipase
Purity/Purification	Protein G
Form/Format	Purified antibody in PBS + 0.09% sodium azide
Concentration	1mg/ml (varies by lot)
Sequence Length	475
Applicable Applications for anti-LPL antibody	IF (Immunofluorescence), ELISA, WB (Western Blot), FCM/FACS (Flow Cytometry), Inhibition Assay
Application Notes	Optimal antibody dilution should be determined by titration
Immunogen	Purified bovine milk lipoprotein lipase protein
Preparation and Storage	Store at 4°C for one month, or in small aliquots at -20°C for longer periods. Store in frost-free freezers is not recommended. Avoid repeated freezing as this may denature the antibody.

IMAGES



IF (Immunofluorescence)

ADDITIONAL INFORMATION

References	Babirak, S.P et al: The detection and characterization of the heterozygote state for lipoprotein lipase deficiency. Arteriosclerosis 9:326-334, 1989 PUBMED Peterson, J.et al: Human lipoprotein lipase: relationship of activity, heparin affinity, and conformation as studied with monoclonal antibodies. J Lipid Res 33:1165-1170, 1992 PUBMED Peterson, J.et al: Structural and functional consequences of missense mutations in Exon 5 of the lipoprotein lipase gene. J Lipid Res 43:398-406, 2002 PUBMED Zheng, C.et al : Lipoprotein lipase bound to apoB lipoproteins accelerates clearance of postprandial lipoproteins in humans. Arterioscler Thromb Vasc Biol, 26:891-896, 2006 PUBMED Shau-Feng Chang et al. Detailed characterization of the binding site of the lipoprotein lipase-specific monoclonal antibody 5D2; Journal of Lipid Research; Vol.39 (1998) 2350- PUBMED
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557727
NCBI GeneID	4023
NCBI Accession #	NP_000228.1
NCBI GenBank Nucleotide #	NM_000237.2
UniProt Accession #	P06858 ; Q16282 ; Q16283 ; Q96FC4 ; B2R5T9
NCBI Official Full Name	lipoprotein lipase
NCBI Official Synonym Full Names	lipoprotein lipase
NCBI Official Symbol	LPL
NCBI Official Synonym Symbols	LIPD; HDLCQ11
NCBI Protein Information	lipoprotein lipase
UniProt Protein Name	Lipoprotein lipase
UniProt Gene Name	LPL
UniProt Synonym Gene Names	LIPD; LPL
UniProt Entry Name	LIPL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.