

LPL Antibody FITC Conjugated

Catalog No: #C03843F

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Description

Product Name	LPL Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 20-70 475 derived from human LPL
Conjugates	FITC
Target Name	LPL
Other Names	LIPD; HDLCQ11; Lipoprotein lipase; LPL
Accession No.	Swiss-Prot#P06858NCBI Gene ID4023
Uniprot	P06858
GeneID	4023;
Excitation Emission	494nm 518nm
Cell Localization	Secreted, Cell membrane
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

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 (By similarity).

Note: This product is for in vitro research use only