



Mouse anti-Human LIPG monoclonal antibody, clone 5B0 (CABT-B10569)

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

PRODUCT INFORMATION

Immunogen	LIPG (AAH60825, 21 a.a. ~ 501 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5B0
Conjugate	Unconjugated
Applications	WB,IP,sELISA,ELISA
Sequence Similarities	SPVPFGPEGRLEDKLHKPKATQTEVKPSVRFNLRSTKDPEHEGCYLSVGHSQPLEDCSFN MTAKTFFIIHGWTMSGIFENWLHKLVSALHTREKDANVVVDWLPLAHQLYTDVNNTRV VGHSIARMLDWLQEKDDFSLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFE GADIIHKRLSPDDADFVDVLHTYTRSFGLSIGIQMPVGHIDIYPNGGDFQPGCGLNDVLGS IAYGTITEVVKCEHE
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. This protein is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family. [provided by RefSeq, Jul 2008]
Keywords	LIPG; lipase, endothelial; EL; EDL; PRO719; endothelial lipase; lipoprotein lipase H; endothelial cell-derived lipase;

GENE INFORMATION

Entrez Gene ID	9388
UniProt ID	Q9Y5X9
Pathway	Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem
Function	heparin binding; hydrolase activity; lipoprotein lipase activity; phospholipase A1 activity; phospholipase activity; protein binding; triglyceride lipase activity