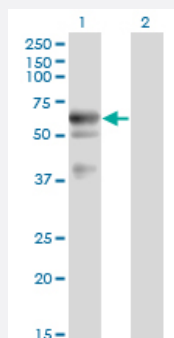


LIPG monoclonal antibody (M02), clone 1E11

Catalog # H00009388-M02

Size 100 ug

Applications

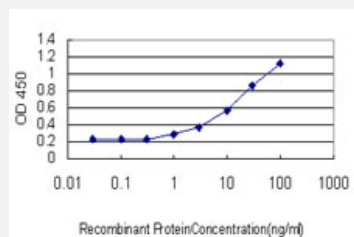


Western Blot (Transfected lysate)

Western Blot analysis of LIPG expression in transfected 293T cell line by LIPG monoclonal antibody (M02), clone 1E11.

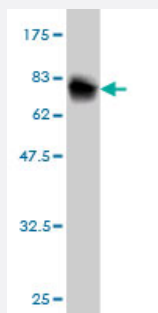
Lane 1: LIPG transfected lysate (56.8 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LIPG is approximately 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (78.54 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant LIPG.

Immunogen	LIPG (AAH60825.1, 21 a.a. ~ 500 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SPVPFGPEGRLEDKLHKPKATQTEVKPSVRFNLRTSKDPEHEGCYLSVGHSQPLEDCSFNMTA KTFFIIHGWTMSGIFENWLHKLVSALHTREKDANVVVDWLPLAHQLYDAVNNTRVVGHSIARML DWLQEKDDFSLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIHKRLSPDDA DFVDVLHTYTRSFGLSIGIQMPVGHIDYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHERAVHLF VDSL VNQDKPSFAFQCTDSNRFKKGICLSCRKNRCNSIGYNAKKMRNKRNSKMYLKTRAGMPFR VYHYQMKIHVFSYKNMGEIEPTFYVTL YGTNADSQTLPLEVERIEQNATNTFLVYTEEDLGDLLKIQL TWEGASQSWYNLWKEFRSYLSQPRNPGRELNIRIRVKSGETQRKLTFC TEDPENTSISPGQELW FRKCRD GWRMKNETSPTVELP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (79)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (78.54 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of LIPG expression in transfected 293T cell line by LIPG monoclonal antibody (M02), clone 1E11.

Lane 1: LIPG transfected lysate(56.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LIPG is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LIPG

Entrez GeneID	9388
GeneBank Accession#	BC060825
Protein Accession#	AAH60825.1
Gene Name	LIPG
Gene Alias	EDL, EL, PRO719
Gene Description	lipase, endothelial
Omim ID	603684
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	endothelial cell-derived lipase endothelial lipase lipoprotein lipase H

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Acute Disease](#)
- [Alzheimer Disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)

- [Cerebral Infarction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
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