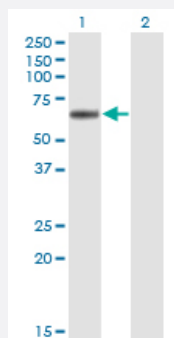


LIPG monoclonal antibody (M01), clone 4A9

Catalog # H00009388-M01

Size 100 ug

Applications

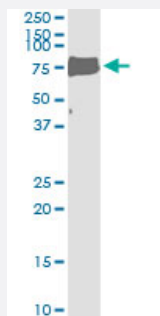


Western Blot (Transfected lysate)

Western Blot analysis of LIPG expression in transfected 293T cell line by LIPG monoclonal antibody (M01), clone 4A9.

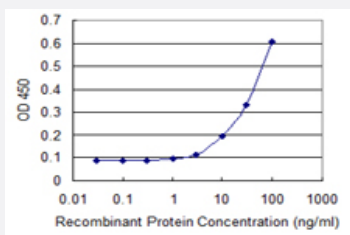
Lane 1: LIPG transfected lysate (Predicted MW: 56.8 KDa).

Lane 2: Non-transfected lysate.



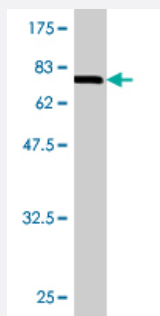
Immunoprecipitation

Immunoprecipitation of LIPG transfected lysate using anti-LIPG monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with LIPG MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LIPG is 3 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	SPVPFGPEGRLEDKLHKPKATQTEVKPSVRFNLRTSKDPEHEGCVLSVGHSQPLEDCSFNMTA KTFFIIHGWTMSGIFENWLHKLVSALHTREKDANVVVDWLPLAHQLYTDVNNTRVVGHSIARML DWLQEKDDFSLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIIHKRLSPDDA DFVDVLHTYTRSFGLSIGIQMPVGHIDIYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHERAVHLF VDSL VNQDKPSFAFQCTDSNRFKKGICLSCRKNRCSIGYNAKKMRNKRNSKMYLKTRAGMPFR VYHYQM KIHVFSYKNMGEIEPTFYVTL 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 (M01), clone 4A9.

Lane 1: LIPG transfected lysate (Predicted MW: 56.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of LIPG transfected lysate using anti-LIPG monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with LIPG MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LIPG is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LIPG

Entrez GeneID	9388
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GeneBank Accession#	BC060825
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Protein Accession#	AAH60825.1
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Gene Name	LIPG
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Gene Alias	EDL, EL, PRO719
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Gene Description	lipase, endothelial
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Omim ID	603684
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Gene Ontology	Hyperlink
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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](#)
- [Drug Toxicity](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)

- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)