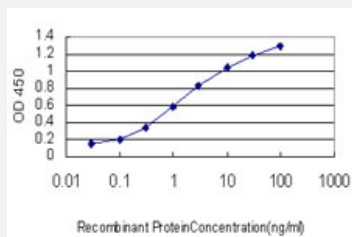


LIPF monoclonal antibody (M01), clone 2E8

Catalog # H00008513-M01

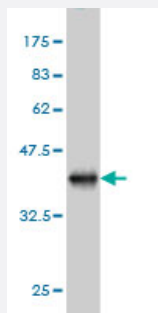
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LIPF is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LIPF.
Immunogen	LIPF (NP_004181, 299 a.a. ~ 398 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KSGKFQAYDWGSPVQNRMHYDQSQPPYYNVTAMNVPIAVWNGGKDLLADPQDVGLLLPKLPNLI YHKEIPFYNHLDFFWAMDAPQEVYNDIVSMISEDKK
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (78); Rat (71)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LIPF is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LIPF

Entrez GeneID	8513
GeneBank Accession#	NM_004190
Protein Accession#	NP_004181
Gene Name	LIPF
Gene Alias	GL, HGL, HLAL, MGC138477, MGC142271
Gene Description	lipase, gastric
Omim ID	601980
Gene Ontology	Hyperlink

Gene Summary

This gene encodes gastric lipase, an enzyme involved in the digestion of dietary triglycerides in the gastrointestinal tract, and responsible for 30% of fat digestion processes occurring in human. It is secreted by gastric chief cells in the fundic mucosa of the stomach, and it hydrolyzes the ester bonds of triglycerides under acidic pH conditions. The gene is a member of a conserved gene family of lipases that play distinct roles in neutral lipid metabolism. [provided by RefSeq]

Other Designations

OTTHUMP00000020038|gastric lipase|gastric triacylglycerol lipase

Pathway

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

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Schizophrenia](#)
- [Weight Gain](#)