

## Product datasheet for **TA500998AM**

### LIPG Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI9C5]

#### Product data:

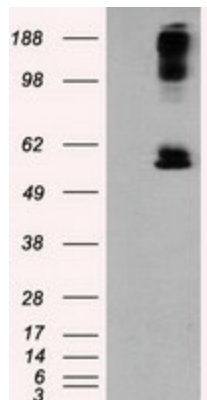
Product Type:	Primary Antibodies
Clone Name:	OTI9C5
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100, IP 2ug/500ul
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human LIPG (NP_006024) produced in HEK293T cell.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54.6 kDa
Gene Name:	lipase G, endothelial type
Database Link:	<a href="#">NP_006024</a> <a href="#">Entrez Gene 9388 Human</a> <a href="#">Q9Y5X9</a>
Background:	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]
Synonyms:	EDL; EL; PRO719
Protein Families:	Druggable Genome, Secreted Protein



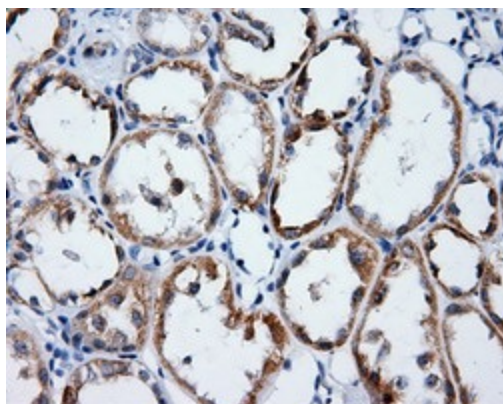
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Protein Pathways: Glycerolipid metabolism, Metabolic pathways

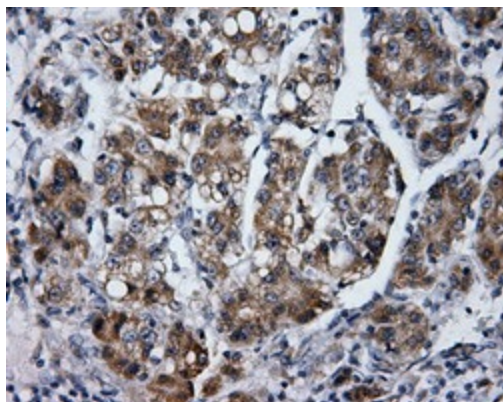
**Product images:**



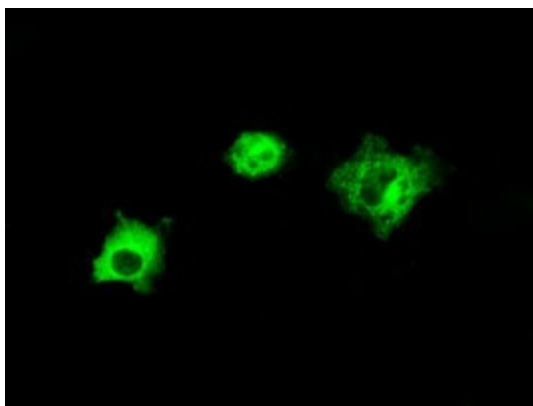
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LIPG ([RC209248], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LIPG. Positive lysates [LY401821] (100ug) and [LC401821] (20ug) can be purchased separately from OriGene.



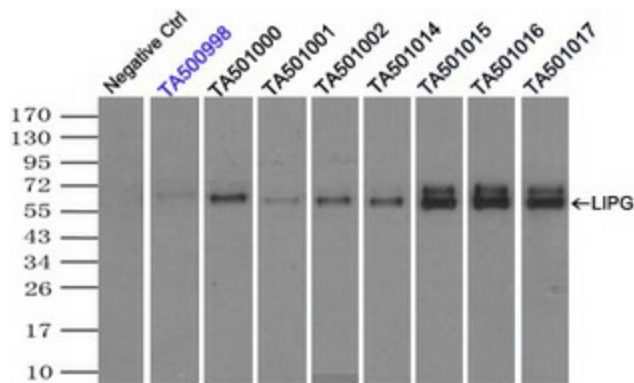
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-LIPG mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500998])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-LIPG mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500998])



Anti-LIPG mouse monoclonal antibody ([TA500998]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY LIPG ([RC209248]).



Immunoprecipitation (IP) of LIPG by using TrueMab monoclonal anti-LIPG antibodies (Negative control: IP without adding anti-LIPG antibody.). For each experiment, 500ul of DDK tagged LIPG overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-LIPG antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immunoprecipitated products were analyzed with rabbit anti-DDK polyclonal antibody.