

For Research Use Only

# MGLL Monoclonal antibody

Catalog Number: 67846-1-Ig



## Basic Information

<b>Catalog Number:</b> 67846-1-Ig	<b>GenBank Accession Number:</b> BC000551	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11343	<b>CloneNo.:</b> 2A3E11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q99685	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG2a	<b>Full Name:</b> monoglyceride lipase	
<b>Immunogen Catalog Number:</b> AG7052	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : THP-1 cells, A549 cells, HeLa cells, human platelets tissue
<b>Species Specificity:</b> Human, pig	

## Background Information

MGLL (monoglyceride lipase) is also named as MAGL, HU-K5 and belongs to the monoacylglycerol lipase family. It converts monoacylglycerides to free fatty acids and glycerol and functions together with hormone-sensitive lipase (HSL) in the mobilization of fatty acids from the triglyceride stores of adipocytes. MGL protein is ubiquitously expressed in kidney, spleen, heart, liver, stomach, brain, lung, adrenal gland, adipose tissue and in brain, there are two bands of 33 kDa and 35 kDa can be detected. The single protein species expressed in muscle is larger (around 40 kDa) (PMID:11470505). This protein can exist as a homodimer (PMID:19957260).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

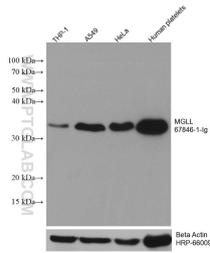
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67846-1-Ig (MGLL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.