

For Research Use Only

# MGLL Recombinant antibody

Catalog Number: 86087-2-RR



## Basic Information

<b>Catalog Number:</b> 86087-2-RR	<b>GenBank Accession Number:</b> BC000551	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11343	<b>CloneNo.:</b> 250509G3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99685	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> monoglyceride lipase	
<b>Immunogen Catalog Number:</b> AG6970	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 33-35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> L02 cells, human peripheral blood platelets, U-87 MG cells, SMMC-7721 cells, PC-3 cells, LNCaP cells

## 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

## Storage

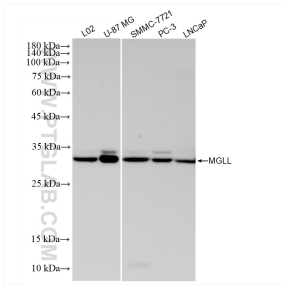
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

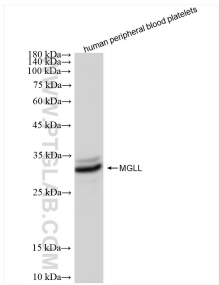
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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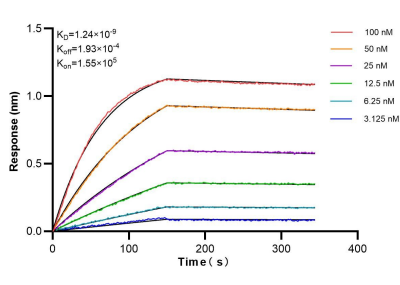
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86087-2-RR (MGLL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 86087-2-RR (MGLL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86087-2-RR against Human MGLL were performed. The affinity constant is 1.24 nM.