

MGLL Monoclonal antibody

Catalog Number: 67846-1-Ig

Basic Information

Catalog Number:

67846-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG7052

GenBank Accession Number:

BC000551

GeneID (NCBI):

11343

UNIPROT ID:

Q99685

Full Name:

monoglyceride lipase

Calculated MW:

33 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

2A3E11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, pig

Positive Controls:

WB : THP-1 cells, A549 cells, HeLa cells, human platelets tissue

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

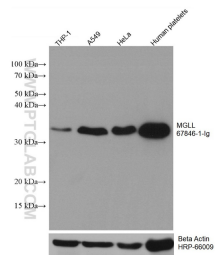
For technical support and original validation data for this product please contact:

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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.