MGLL Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins

Catalog Number:**67846-1-PBS**

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Basic Information

Catalog Number:
67846-1-PBS

Size:
1 mg/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

Applications

Tested Applications:
WB,Indirect ELISA

Species Specificity:
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 exsit as a homodimer (PMID:19957260).

Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

Selected Validation Data
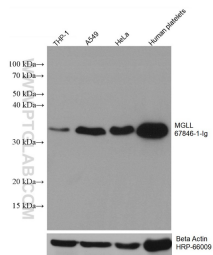
Various lysates were subjected to SDS PAGE followed by western blot with 67846-1-Ig (MGLL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 67846-1-PBS in a different storage buffer formulation.