MGLL Recombinant antibody

Catalog Number:**86087-2-RR**

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Basic Information

Catalog Number:
86087-2-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6970

GenBank Accession Number:
BC000551

GeneID (NCBI):
11343

UNIPROT ID:
Q99685

Full Name:
monoglyceride lipase

Calculated MW:
33 kDa

Observed MW:
33-35 kDa

Purification Method:
Protein A purification

CloneNo.:
250509G3

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

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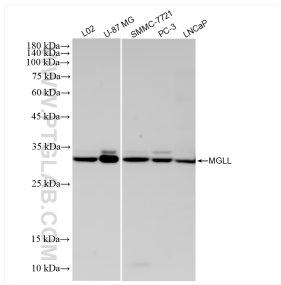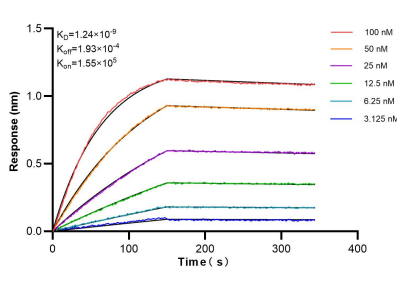
Various lysates were subjected to SDS PAGE followed by western blot with 86087-2-RR (MGLL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.
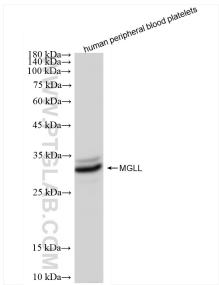
human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 86087-2-RR (MGLL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

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