

For Research Use Only

MOGAT2 Recombinant monoclonal antibody

Catalog Number: 83086-3-RR



Basic Information

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|--|---|---|
| Catalog Number: 83086-3-RR | GenBank Accession Number: NM_025098 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 80168 | CloneNo.: 252772H3 |
| Source: Rabbit | UNIPROT ID: Q3SYC2 | Recommended Dilutions: WB: 1:1000-1:4000 |
| Isotype: IgG | Full Name: monoacylglycerol O-acyltransferase 2 | |
| | Calculated MW: 38 kDa | |
| | Observed MW: 36-38 kDa | |

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : NCI-H1299 cells, HL-60 cells, mouse colon tissue, mouse brain tissue, rat kidney tissue

Background Information

MOGAT2, also named as DC5 and DGAT2L5, belongs to the diacylglycerol acyltransferase family. MOGAT2 catalyze the reaction: Acyl-CoA + 2-acylglycerol = CoA + diacylglycerol. MOGAT2 has a preference toward monoacylglycerols containing unsaturated fatty acids. MOGAT2 plays a central role in absorption of dietary fat in the small intestine by catalyzing the resynthesis of triacylglycerol in enterocytes. And it plays a role in diet-induced obesity. The antibody can recognize all these 3 isoform of MOGAT2.

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

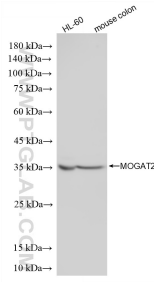
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

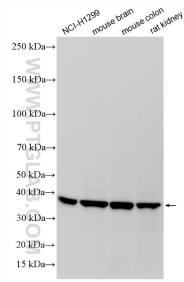
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83086-3-RR (MOGAT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 83086-3-RR (MOGAT2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.