

For Research Use Only

# MOGAT2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 83086-3-PBS



## Basic Information

<b>Catalog Number:</b> 83086-3-PBS	<b>GenBank Accession Number:</b> NM_025098	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 80168	<b>CloneNo.:</b> 252772H3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q3SYC2	
<b>Isotype:</b> IgG	<b>Full Name:</b> monoacylglycerol O-acyltransferase 2	
	<b>Calculated MW:</b> 38 kDa	
	<b>Observed MW:</b> 36-38 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## 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 -80°C.

**Storage Buffer:**  
PBS only, pH7.3

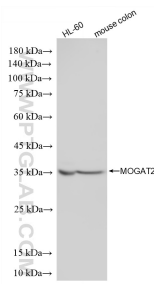
For technical support and original validation data for this product please contact:

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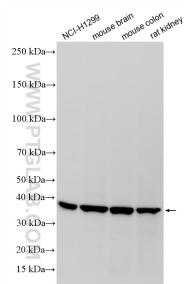
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## Selected Validation Data



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. This data was developed using the same antibody clone with 83086-3-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 83086-3-PBS in a different storage buffer formulation.