

Datasheet for ABIN953477 anti-MOGAT1 antibody (C-Term)

3 Images



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Overview

Quantity:	0.4 mL
Target:	MOGAT1
Binding Specificity:	AA 305-335, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOGAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 305-335 amino acids from the C-terminal region of Human MOGAT1.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human MOGAT1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	MOGAT1
Alternative Name:	MOGAT1 (MOGAT1 Products)

Target Details

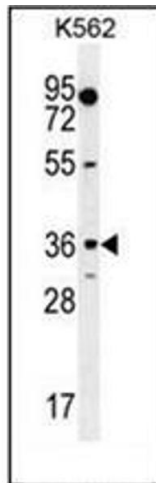
Background:	Acyl-CoA:monoacylglycerol acyltransferase (MOGAT, EC 2.3.1.22) catalyzes the synthesis of diacylglycerols, the precursor of physiologically important lipids such as triacylglycerol and phospholipids (Yen et al., 2002 [PubMed 12077311]).[supplied by OMIM].Synonyms: 2-acylglycerol O-acyltransferase 1, Acyl CoA:monoacylglycerol acyltransferase 1, DC2, DGAT2L1, Diacylglycerol O-acyltransferase candidate 2, Diacylglycerol acyltransferase 2-like protein 1, Monoacylglycerol O-acyltransferase 1, hDC2
Molecular Weight:	38812 Da
Gene ID:	116255
NCBI Accession:	NP_477513

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

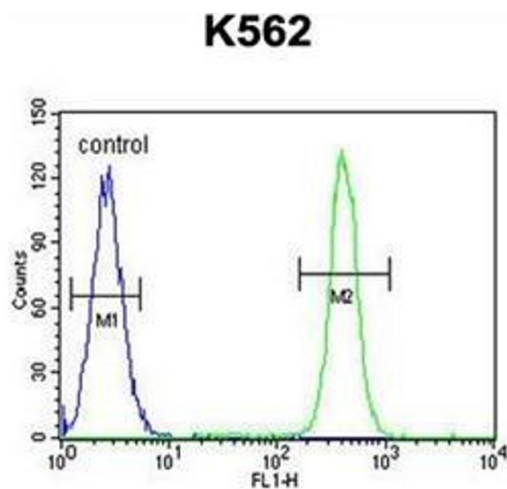
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



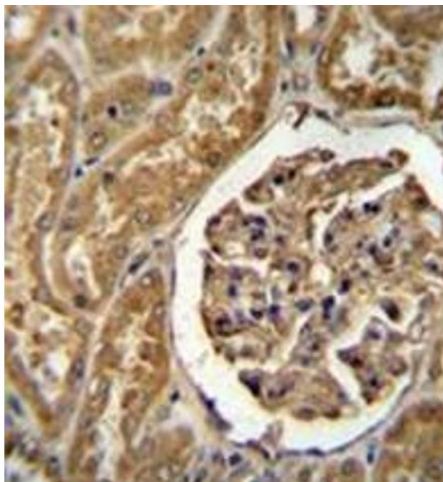
Western Blotting

Image 1. Western blot analysis of MOGT1 Antibody (C-term) in K562 cell line lysates (35ug/lane). This demonstrates the MOGT1 antibody detected the MOGT1 protein (arrow).



Flow Cytometry

Image 2. Flow cytometric analysis of K562 cells using MOGT1 Antibody (C-term) Cat.-No AP52722PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with MOGT1 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.