

Datasheet for ABIN953479

**anti-MOGAT3 antibody (C-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	0.4 mL
Target:	MOGAT3
Binding Specificity:	AA 302-338, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOGAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 302-338 amino acids from the C-terminal region of Human MOGT3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human MOGT3 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	MOGAT3
Alternative Name:	MOGAT3 ( <a href="#">MOGAT3 Products</a> )
Background:	Acyl-CoA:monoacylglycerol acyltransferase (MOGAT, EC 2.3.1.22) catalyzes the synthesis of

## Target Details

diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA (Cheng et al., 2003 [PubMed 12618427]. Synonyms: 2-acylglycerol O-acyltransferase 3, Acyl CoA:monoacylglycerol acyltransferase 3, DC7, DGAT2L7, Diacylglycerol O-acyltransferase candidate 7, Diacylglycerol acyltransferase 2-like protein 7, Monoacylglycerol O-acyltransferase 3, UNQ9383/PRO34208, hDC7

Molecular Weight: 38730 Da

Gene ID: 346606

NCBI Accession: [NP\\_835470](#)

## 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

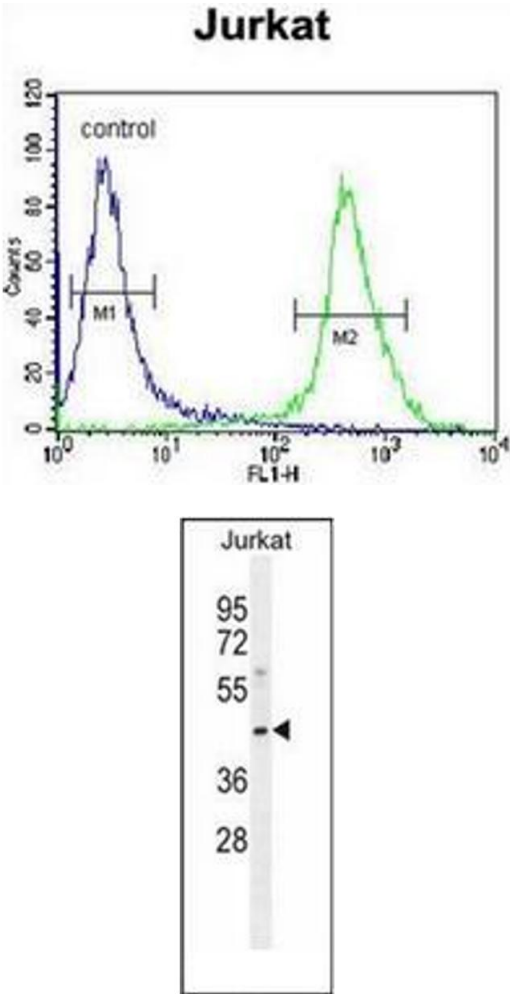
Preservative: Sodium azide

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.



Flow Cytometry

**Image 1.** Flow cytometric analysis of Jurkat cells using MOGT3 Antibody (C-term) Cat.-No AP52724PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** Western blot analysis of MOGT3 Antibody (C-term) in Jurkat cell line lysates (35ug/lane). This demonstrates the MOGT3 antibody detected the MOGT3 protein (arrow).