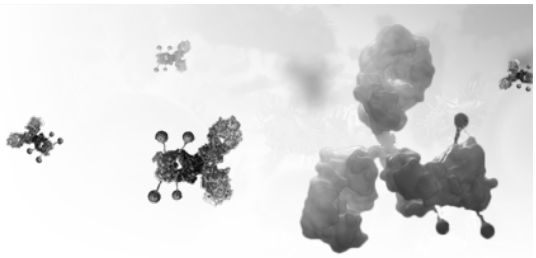

Mouse anti-Human DGAT2 monoclonal antibody, clone 5D2 (CABT-B10090)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	DGAT2 (NP_115953, 289 a.a. ~ 389 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5D2
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	IFEEGSWGRWVQKKFQKYIGFAPCIFHGRGLFSSDTWGLVPYSKPITTVVGEPITIPKLE HPTQQDIDLYHTMYMEALVKLFDKHKTKFGLPETEVLEVN*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes one of two enzymes which catalyzes the final reaction in the synthesis of triglycerides in which diacylglycerol is covalently bound to long chain fatty acyl-CoAs. The

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	encoded protein catalyzes this reaction at low concentrations of magnesium chloride while the other enzyme has high activity at high concentrations of magnesium chloride. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Keywords	DGAT2; diacylglycerol O-acyltransferase 2; ARAT; HMFN1045; GS1999FULL; diglyceride acyltransferase 2; retinol O-fatty-acyltransferase; acyl-CoA retinol O-fatty-acyltransferase; diacylglycerol O-acyltransferase homolog 2; diacylglycerol O-acyltransferase-like protein 2;

GENE INFORMATION

Entrez Gene ID	84649
UniProt ID	Q96PD7
Pathway	Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem
Function	2-acylglycerol O-acyltransferase activity; acyltransferase activity; diacylglycerol O-acyltransferase activity; diacylglycerol O-acyltransferase activity; transferase activity

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