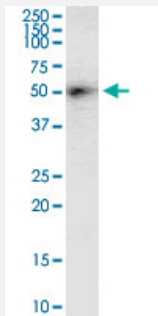


DGAT2 monoclonal antibody (M03), clone 4C1

Catalog # H00084649-M03

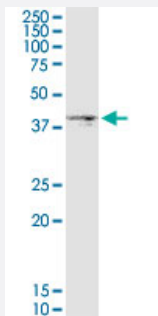
Size 100 ug

Applications



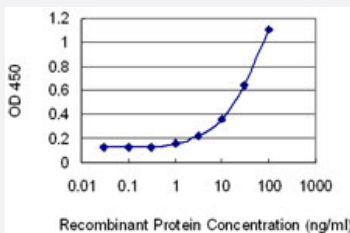
Western Blot (Tissue lysate)

DGAT2 monoclonal antibody (M03), clone 4C1. Western Blot analysis of DGAT2 expression in human stomach.



Western Blot (Cell lysate)

DGAT2 monoclonal antibody (M03), clone 4C1. Western Blot analysis of DGAT2 expression in MCF-7.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DGAT2 is 0.3 ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant DGAT2.

Immunogen	DGAT2 (NP_115953.2, 289 a.a. ~ 388 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IFEEGSWGRWVQKKFQKYIGFAPCIFHGRGLFSSDTWGLVPYSKPITTVVGEPITIPKLEHPTQQDI DLYHTMYMEALVKLFDKHKTKFGLPETEVLEVN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

DGAT2 monoclonal antibody (M03), clone 4C1. Western Blot analysis of DGAT2 expression in human stomach.

[Protocol Download](#)

- Western Blot (Cell lysate)

DGAT2 monoclonal antibody (M03), clone 4C1. Western Blot analysis of DGAT2 expression in MCF-7.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DGAT2 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DGAT2

Entrez GeneID [84649](#)

GeneBank Accession#	NM_032564
Protein Accession#	NP_115953.2
Gene Name	DGAT2
Gene Alias	DKFZp686A15125, HMFN1045
Gene Description	diacylglycerol O-acyltransferase homolog 2 (mouse)
Omim ID	606983
Gene Ontology	Hyperlink
Gene Summary	Acyl-CoA:diacylglycerol acyltransferase, or DGAT (EC 2.3.1.20), is responsible for the synthesis of triglycerides. It catalyzes a reaction in which diacylglycerol is covalently joined to long chain fatty acyl-CoAs.[supplied by OMIM]
Other Designations	GS1999full diacylglycerol O-acyltransferase homolog 2 diacylglycerol O-acyltransferase-like prote in 2

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)
- [Retinol metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)