

For Research Use Only

CoraLite® Plus 488-conjugated DGAT2 Recombinant antibody

Catalog Number:CL488-83262-2



Basic Information

Catalog Number:

CL488-83262-2

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10719

GenBank Accession Number:

BC015234

GeneID (NCBI):

84649

UNIPROT ID:

Q96PD7

Full Name:

diacylglycerol O-acyltransferase
homolog 2 (mouse)

Calculated MW:

388 aa, 44 kDa

Purification Method:

Protein A purification

CloneNo.:

240171C6

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Diacylglycerol acyltransferase 2 (DGAT2) is an integral membrane protein and major enzyme that catalyzes the final step of triacylglycerol (TG) synthesis in eukaryotes (PMID: 21680734). DGAT2 is present in mitochondria-associated membranes, specialized domains of the ER that are highly enriched in lipid synthetic enzymes (PMID: 19049983). DGAT2 isoforms (39 kDa, 44kDa) have major differences in acyl-CoA substrate specificity toward erucoyl-CoA.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

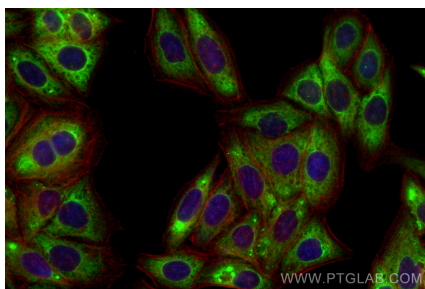
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 DGAT2 antibody (CL488-83262-2, Clone: 240171C6) at dilution of 1:200.