

For Research Use Only

CoraLite® Plus 488-conjugated DGAT2 Recombinant antibody

Catalog Number: CL488-83262-2



Basic Information

Catalog Number: CL488-83262-2	GenBank Accession Number: BC015234	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 84649	CloneNo.: 240171C6
Source: Rabbit	UNIPROT ID: Q96PD7	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: diacylglycerol O-acyltransferase homolog 2 (mouse)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG10719	Calculated MW: 388 aa, 44 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human	

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.

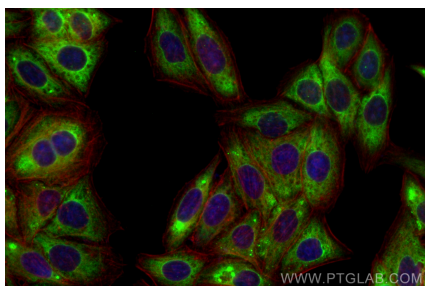
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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.