

For Research Use Only

DGAT2 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83262-2-PBS

Basic Information

Catalog Number: 83262-2-PBS	GenBank Accession Number: BC015234	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 84649	CloneNo.: 240171C6
Source: Rabbit	UNIPROT ID: Q96PD7	
Isotype: IgG	Full Name: diacylglycerol O-acyltransferase homolog 2 (mouse)	
Immunogen Catalog Number: AG10719	Calculated MW: 388 aa, 44 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA, IF/ICC

Species Specificity:
human

Product Information

83262-2-PBS targets DGAT2 as part of a matched antibody pair:

MP00252-1: 83262-2-PBS capture and 83262-1-PBS detection (validated in Cytometric bead array)

MP00252-2: 83262-2-PBS capture and 83262-3-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

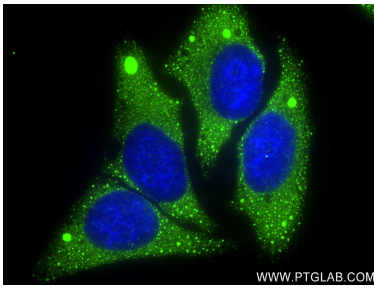
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

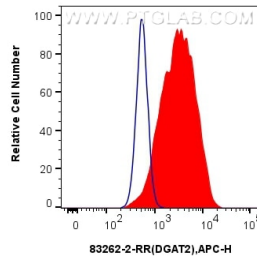
E: proteintech@ptglab.com
W: ptglab.com

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

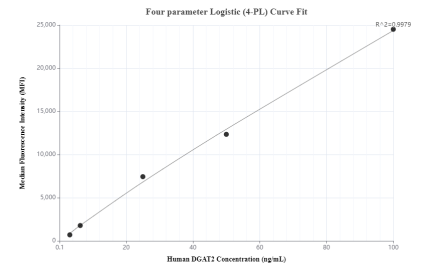
Selected Validation Data



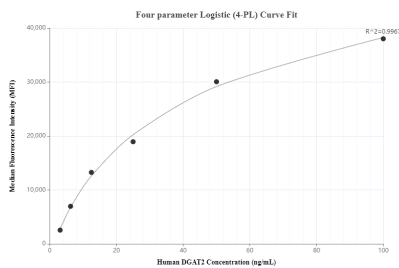
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DGAT2 antibody (83262-2-RR, Clone: 240171C6) at dilution of 1:150 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83262-2-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug Dgat2 Recombinant Antibody (83262-2-RR, Clone:240171C6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83262-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve ofMP00252-1, DGAT2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83262-2-PBS. Detection antibody: 83262-1-PBS. Standard: Ag10719. Range: 3.13-100 ng/mL.



Cytometric bead array standard curve ofMP00252-2, DGAT2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83262-2-PBS. Detection antibody: 83262-3-PBS. Standard: Ag10719. Range: 3.13-100 ng/mL.