

For Research Use Only

CoraLite® Plus 488-conjugated APOD Monoclonal antibody



Catalog Number: CL488-66215

Basic Information

Catalog Number: CL488-66215	GenBank Accession Number: BC007402	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 347	CloneNo.: 1C6D10
Source: Mouse	Full Name: apolipoprotein D	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 33 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG21422	Observed MW: 30-33 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HeLa cells,
Species Specificity: human	

Background Information

Apolipoprotein D (ApoD) is a member of the lipocalin superfamily of ligand transporters, and has been implicated in the transport of small hydrophobic molecules. ApoD is also a component of plasma high-density lipoproteins (HDL). Alteration of ApoD expression has been linked to multiple neurological disorders, including Alzheimer's disease.

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

*** 20ul sizes contain 0.1% BSA

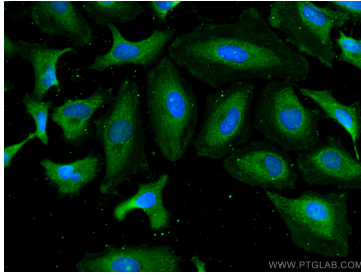
For technical support and original validation data for this product please contact:

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

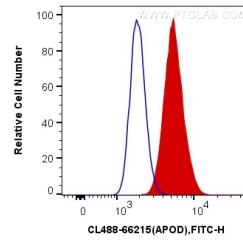
E: proteintech@ptglab.com
W: ptglab.com

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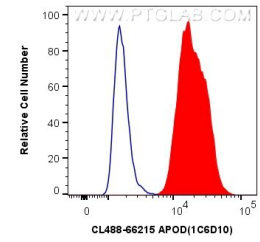
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 488 APOD antibody (CL488-66215, Clone: 1C6D10) at dilution of 1:200.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human APOD (CL488-66215, Clone:1C6D10) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1X10⁶ HepG2 cells were intracellularly stained with 0.8 ug Coralite® Plus 488 Anti-Human APOD (CL488-66215, Clone:1C6D10) (red), or 0.8 ug Coralite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).