

For Research Use Only



# CoraLite® Plus 488-conjugated APOD Monoclonal antibody

Catalog Number: **CL488-66215**

## Basic Information

Catalog Number: <b>CL488-66215</b>	GenBank Accession Number: <b>BC007402</b>	Purification Method: <b>Protein G purification</b>
Size: <b>1000 µg/ml</b>	GeneID (NCBI): <b>347</b>	CloneNo.: <b>1C6D10</b>
Source: <b>Mouse</b>	UNIPROT ID: <b>P05090</b>	Recommended Dilutions: <b>IF/ICC 1:50-1:500</b>
Isotype: <b>IgG1</b>	Full Name: <b>apolipoprotein D</b>	Excitation/Emission maxima wavelengths: <b>493 nm / 522 nm</b>
Immunogen Catalog Number: <b>AG21422</b>	Calculated MW: <b>33 kDa</b>	
	Observed MW: <b>30-33 kDa</b>	

## Applications

Tested Applications: <b>IF/ICC, FC (Intra)</b>	Positive Controls: <b>IF/ICC : HeLa cells,</b>
Species Specificity: <b>human</b>	

## 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**

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

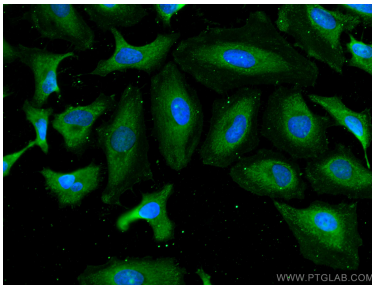
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

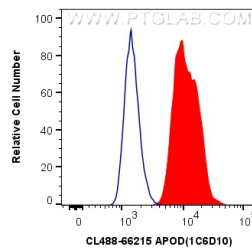
W: [ptgcn.com](http://ptgcn.com)

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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.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human APOD (CL488-66215, Clone:1C6D10) (red), or 0.4 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).