For Research Use Only

APOD Monoclonal antibody, PBS Only

Catalog Number:66215-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
66215-1-PBS

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG21422

GenBank Accession Number:
BC007402

GeneID (NCBI):
347

UNIPROT ID:
P05090

Full Name:
apolipoprotein D

Calculated MW:
33 kDa

Observed MW:
30-33 kDa

Purification Method:
Protein G purification

CloneNo.:
1C6D10

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human

Background Information

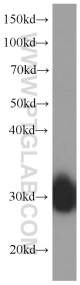
Apolipoprotein D (ApoD) is a member of the lipocalin superfamily of ligand transporters, and has been implicated in the transport of small hydrophobic molecules. ApoD is also a component of plasma high-density lipoproteins (HDL). Alteration of ApoD expression has been linked to multiple neurological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

Storage

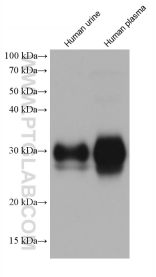
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

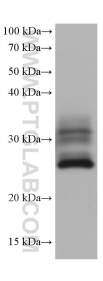
Selected Validation Data



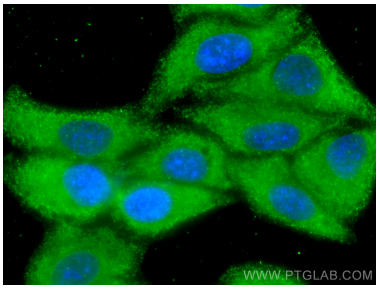
human plasma were subjected to SDS PAGE followed by western blot with 66215-1-Ig (APOD Antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66215-1-PBS in a different storage buffer formulation.



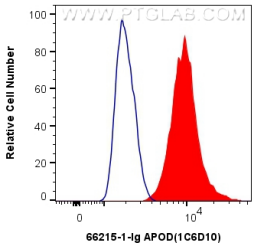
human urine sample were subjected to SDS PAGE followed by western blot with 66215-1-Ig (APOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66215-1-PBS in a different storage buffer formulation.



human placenta tissue were subjected to SDS PAGE followed by western blot with 66215-1-Ig (APOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66215-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using APOD antibody (66215-1-Ig, Clone: 1C6D10) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66215-1-PBS in a different storage buffer formulation.



1X10^6 HepG2 cells were intracellularly stained with 0.4 ug Anti-Human APOD (66215-1-Ig, Clone:1C6D10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 66215-1-PBS in a different storage buffer