

For Research Use Only

APOD Monoclonal antibody

Catalog Number: 66215-1-Ig **1 Publications**



Basic Information

Catalog Number: 66215-1-Ig	GenBank Accession Number: BC007402	Purification Method: Protein A purification
Size: 150ul , Concentration: 940 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 347	CloneNo.: 1C6D10
Source: Mouse	Full Name: apolipoprotein D	Recommended Dilutions: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 33 kDa	
Immunogen Catalog Number: AG21422	Observed MW: 30-33 kDa	

Applications

Tested Applications: FC, IF, WB, ELISA	Positive Controls:
Cited Applications: FC, IF	WB : human plasma tissue, human plasma, human urine sample, human placenta tissue
Species Specificity: human	IF : HepG2 cells,
Cited Species: 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Xi Fang	36562137	Immunology	IF,FC

Storage

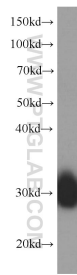
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

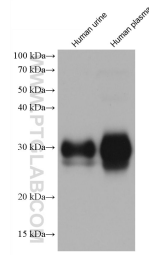
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

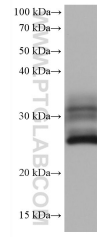
Selected Validation Data



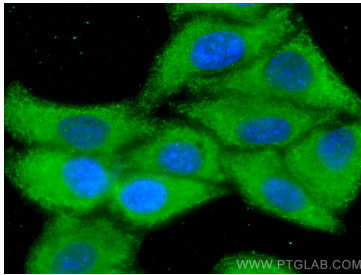
human plasma were subjected to SDS PAGE followed by western blot with 66215-1-Ig (APOD Antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



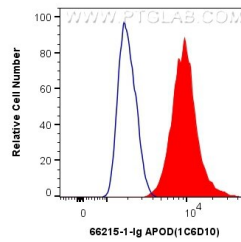
human urine sample were subjected to SDS PAGE followed by western blot with 66215-1-Ig (APOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.



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).



1X10⁶ 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 (PF00011-C).