

For Research Use Only

APOD Recombinant monoclonal antibody, PBS Only

Catalog Number: 86500-2-PBS



Basic Information

Catalog Number: 86500-2-PBS	GenBank Accession Number: BC007402	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 347	CloneNo.: 251229E8
Source: Rabbit	UNIPROT ID: P05090	
Isotype: IgG	Full Name: apolipoprotein D	
Immunogen Catalog Number: AG0812	Calculated MW: 33 kDa	
	Observed MW: 21-33 kDa	

Applications

Tested Applications:
WB, IF/ICC, 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.

Storage Buffer:
PBS only, pH7.3

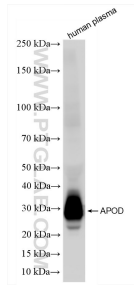
For technical support and original validation data for this product please contact:

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

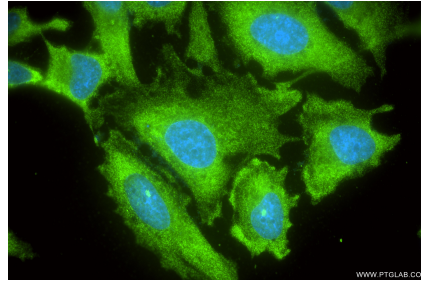
E: proteintech@ptglab.com
W: ptglab.com

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

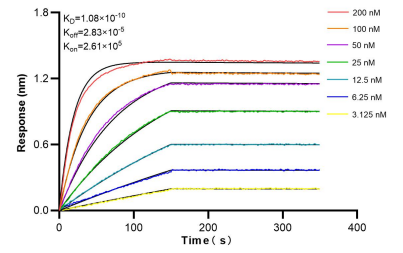
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 86500-2-RR (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 86500-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using APOD antibody (86500-2-RR, Clone: 251229E8) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86500-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86500-2-RR against Human APOD were performed. The affinity constant is 0.108 nM.