

For Research Use Only



APOM Recombinant antibody, PBS Only

Catalog Number: 82871-1-PBS

Basic Information

Catalog Number: 82871-1-PBS	GenBank Accession Number: BC020683	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 55937	CloneNo.: 3019
Source: Rabbit	UNIPROT ID: O95445	
Isotype: IgG	Full Name: apolipoprotein M	
Immunogen Catalog Number: AG3048	Calculated MW: 21 kDa	
	Observed MW: 21-25 kDa	

Applications

Tested Applications:
Indirect ELISA, WB

Species Specificity:
human

Background Information

APOM (Apolipoprotein M) is a member of the lipocalin superfamily and is predominantly associated with high-density lipoprotein (HDL). APOM is synthesized in the kidneys, liver, and to a minor extent also by adipocytes. In the circulation, APOM binds primarily to high-density lipoproteins (HDL) but can also be associated with other lipoproteins, such as low-density lipoproteins (LDL), very-low-density lipoproteins (VLDL), and chylomicrons (PMID: 34482091).

Storage

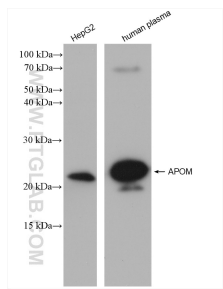
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

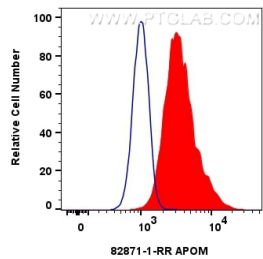
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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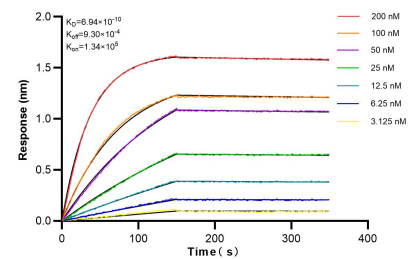
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82871-1-RR (APOM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82871-1-PBS in a different storage buffer formulation.



1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug APOM Recombinant antibody (82871-1-RR, Clone:3O19) and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82871-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82871-1-RR against Human APOM were performed. The affinity constant is 0.694 nM.