

For Research Use Only

# APOL1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:83770-1-PBS



## Basic Information

Catalog Number: 83770-1-PBS	GenBank Accession Number: BC017331	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 8542	CloneNo.: 240814A3
Source: Rabbit	UNIPROT ID: O14791	
Isotype: IgG	Full Name: apolipoprotein L, 1	
Immunogen Catalog Number: AG2016	Calculated MW: 44 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA,  
Sample test

**Species Specificity:**  
human

## Background Information

### 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

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

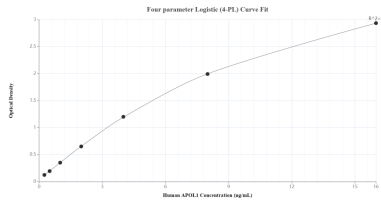
T: 4006900926

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

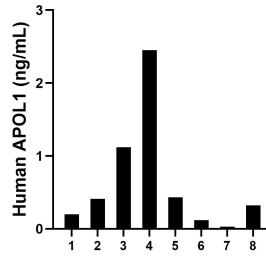
W: [ptgcn.com](http://ptgcn.com)

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

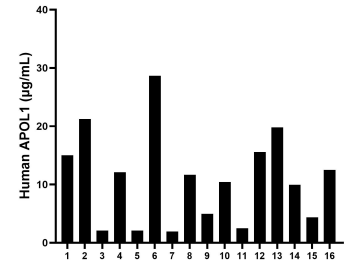
## Selected Validation Data



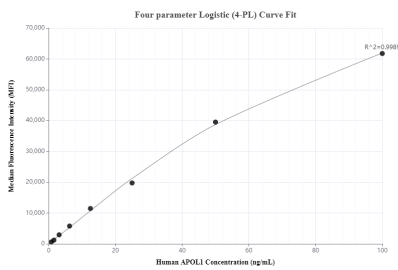
Sandwich ELISA standard curve of MP00760-2, Human APOL1 Recombinant Matched Antibody Pair - PBS only. 83770-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2016. 83770-1-PBS was HRP conjugated as the detection antibody. Range: 0.25-16 ng/mL



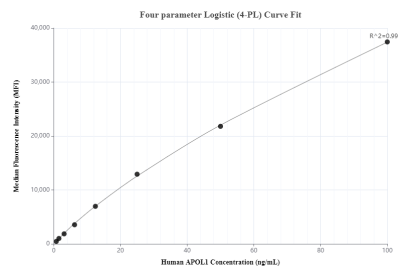
Urine of eight individual healthy human donors was measured. The APOL1 concentration of detected samples was determined to be 0.64 ng/mL with a range of 0.03 - 2.45 ng/mL



Serum of sixteen individual healthy human donors was measured. The APOL1 concentration of detected samples was determined to be 10.92 µg/mL with a range of 1.95 - 28.64 µg/mL



Cytometric bead array standard curve of MP00760-1, APOL1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83770-1-PBS. Detection antibody: 83770-4-PBS. Standard: Ag2016. Range: 0.78-100 ng/mL



Cytometric bead array standard curve of MP00760-2, APOL1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83770-2-PBS. Detection antibody: 83770-1-PBS. Standard: Ag2016. Range: 0.78-100 ng/mL