

For Research Use Only

# Clusterin Recombinant antibody, PBS Only (Detector)

Catalog Number: 84067-3-PBS



## Basic Information

<b>Catalog Number:</b> 84067-3-PBS	<b>GenBank Accession Number:</b> BC010514	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1191	<b>CloneNo.:</b> 241277H2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10909	
<b>Isotype:</b> IgG	<b>Full Name:</b> clusterin	
	<b>Calculated MW:</b> 449 aa, 53 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

84067-3-PBS targets Clusterin as part of a matched antibody pair:

MP00986-1: 84067-2-PBS capture and 84067-3-PBS detection (validated in Cytometric bead array)

MP00986-3: 84067-1-PBS capture and 84067-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

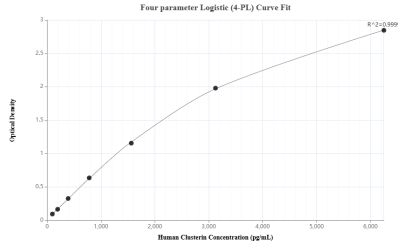
For technical support and original validation data for this product please contact:

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

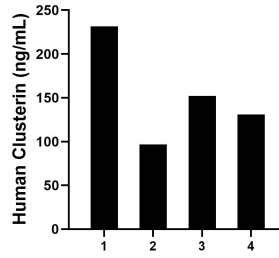
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

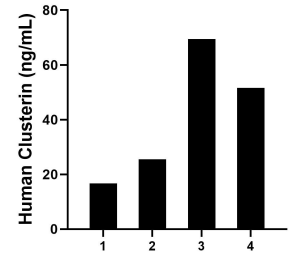
## Selected Validation Data



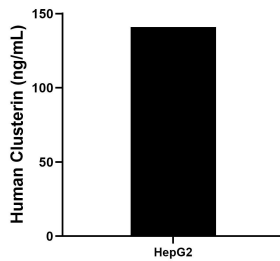
Sandwich ELISA standard curve of MP00986-3, Human Clusterin Recombinant Matched Antibody Pair - PBS only. 84067-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0225. 84067-3-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



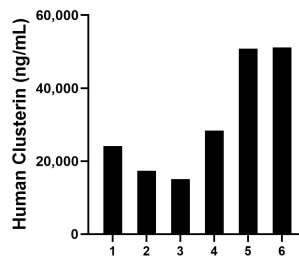
Saliva of four individual healthy human donors was measured. The human Clusterin concentration of detected samples was determined to be 152.81 ng/mL with a range of 95.56 - 231.47 ng/mL



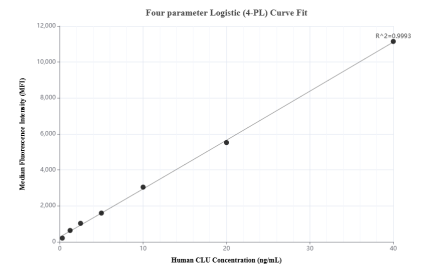
Urine of four individual healthy human donors was measured. The human Clusterin concentration of detected samples was determined to be 40.81 ng/mL with a range of 16.72 - 69.41 ng/mL



HepG2 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human Clusterin, and measured 140.90 ng/mL



Serum of six individual healthy human donors was measured. The human Clusterin concentration of detected samples was determined to be 31,152.14 ng/mL with a range of 15,052.59 - 51,157.85 ng/mL



Cytometric bead array standard curve of MP00986-1, Clusterin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84067-2-PBS. Detection antibody: 84067-3-PBS. Standard: Eg0225. Range: 0.313-40 ng/mL