

For Research Use Only

Apolipoprotein CIII Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87100-2-PBS



Basic Information

Catalog Number: 87100-2-PBS	GenBank Accession Number: NM_000040	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 345	CloneNo.: 252153D2
Source: Rabbit	UNIPROT ID: P02656	
Isotype: IgG	Full Name: apolipoprotein C-III	
Immunogen Catalog Number: EG3387	Calculated MW: 11 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87100-2-PBS targets Apolipoprotein CIII as part of a matched antibody pair:

MP02866-1: 87100-3-PBS capture and 87100-2-PBS detection (validated in Cytometric bead array)

MP02866-2: 87100-4-PBS capture and 87100-2-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

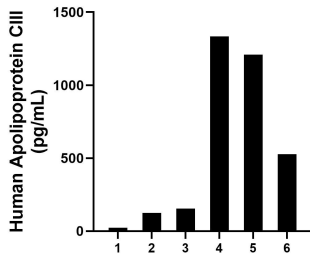
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

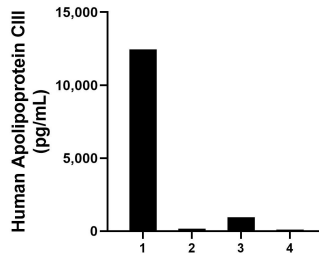
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

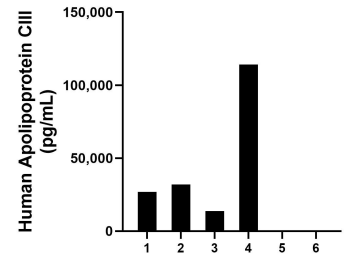
Selected Validation Data



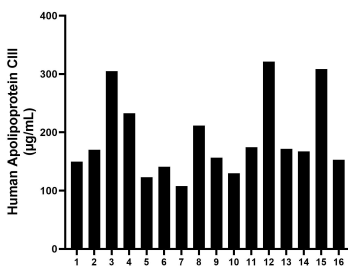
Saliva of six individual healthy human donors was measured. The human Apolipoprotein CIII concentration of detected samples was determined to be 561.9 pg/mL with a range of 23.1 - 1,334.8 pg/mL.



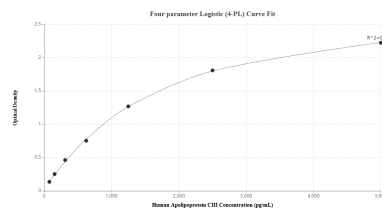
Urine of four individual healthy human donors was measured. The human Apolipoprotein CIII concentration of detected samples was determined to be 3,416.1 pg/mL with a range of 110.3 - 12,438.9 pg/mL.



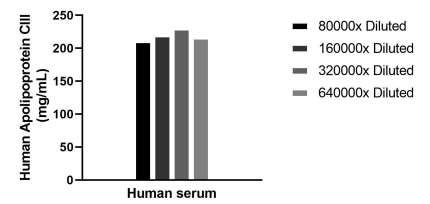
Human milk of six individual healthy human donors was measured. The human Apolipoprotein CIII concentration of detected samples was determined to be 31,160.2 pg/mL with a range of 16.6 - 114,116.5 pg/mL.



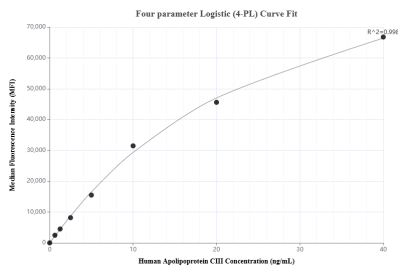
Plasma of sixteen individual healthy human donors was measured. The human Apolipoprotein CIII concentration of detected samples was determined to be 188.92 µg/mL with a range of 107.97 - 321.24 µg/mL.



Sandwich ELISA standard curve of MP02866-2, Human Apolipoprotein CIII Recombinant Matched Antibody Pair - PBS only. 87100-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3387. 87100-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean Apolipoprotein CIII concentration was determined to be 218.5 mg/mL in human serum.



Cytometric bead array standard curve of MP02866-1, Apolipoprotein CIII Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87100-3-PBS. Detection antibody: 87100-2-PBS. Standard: Eg3387. Range: 0.625-40 ng/mL