

For Research Use Only

PCSK9 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84172-6-PBS



Basic Information

Catalog Number: 84172-6-PBS	GenBank Accession Number: NM_174936.4	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 255738	CloneNo.: 241395B7
Source: Rabbit	UNIPROT ID: Q8NBP7	
Isotype: IgG	Full Name: proprotein convertase subtilisin/kexin type 9	
	Calculated MW: 74 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84172-6-PBS targets PCSK9 as part of a matched antibody pair.

MP01071-4: 84172-4-PBS capture and 84172-6-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

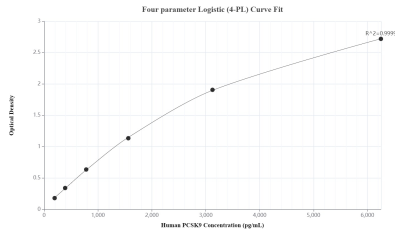
For technical support and original validation data for this product please contact:

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

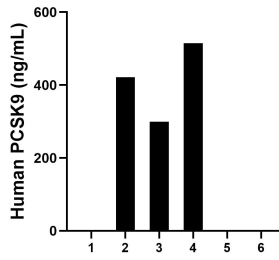
E: proteintech@ptglab.com
W: ptglab.com

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

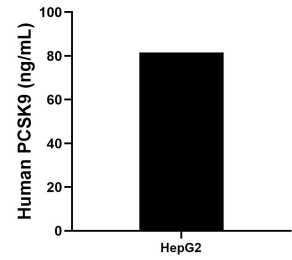
Selected Validation Data



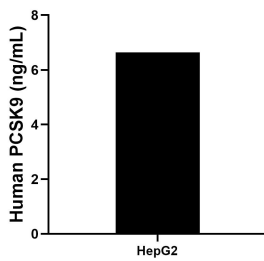
Sandwich ELISA standard curve of MP01071-4, Human PCSK9 Recombinant Matched Antibody Pair - PBS only. 84172-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0362. 84172-6-PBS was HRP conjugated as the detection antibody. Range: 195-6250 pg/mL



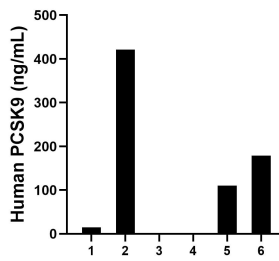
Plasma of six individual healthy human donors was measured. The PCSK9 concentration of detected samples was determined to be 206.0 ng/mL with a range of ND-514.5 ng/mL



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 PCSK9, and measured 81.6 ng/mL



The mean PCSK9 concentration was determined to be 6.6 ng/mL in HepG2 cell extract based on a 2.0 mg/mL extract load.



Serum of six individual healthy human donors was measured. The PCSK9 concentration of detected samples was determined to be 120.8 ng/mL with a range of ND-421.1 ng/mL