

For Research Use Only

# PCSK9 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68673-1-PBS



## Basic Information

Catalog Number: 68673-1-PBS	GenBank Accession Number: NM_174936.4	Purification Method: Protein G purification
Concentration: 1mg/ml	GeneID (NCBI): 255738	CloneNo.: 1F6C2
Source: Mouse	UNIPROT ID: Q8NBP7	
Isotype: IgG1	Full Name: proprotein convertase subtilisin/kexin type 9	
Immunogen Catalog Number: EG0199	Calculated MW: 74 kDa	

## Applications

Tested Applications:  
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, pH7.3

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

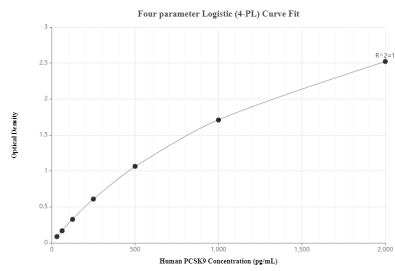
T: 4006900926

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

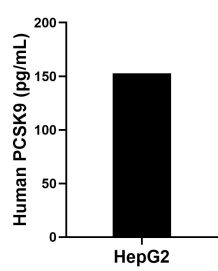
W: [ptgcn.com](http://ptgcn.com)

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

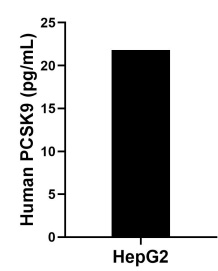
Selected Validation Data



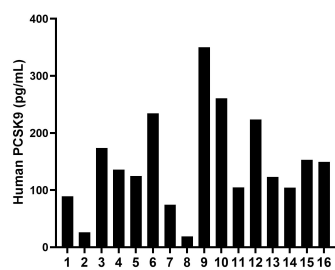
Sandwich ELISA standard curve of MP50055-1, PCSK9 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68673-1-PBS. Detection antibody: 68673-2-PBS. Standard: Eg0199. Range: 31.25-2000 pg/mL



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 152.7 pg/mL



The mean PCSK9 concentration was determined to be 21.8 pg/mL in HepG2 cell extract based on a 2.40 mg/mL extract load.



Serum of sixteen individual healthy human donors was measured. The PCSK9 concentration of detected samples was determined to be 146.6 pg/mL with a range of 18.9-350.1 pg/mL