

For Research Use Only

# Component C9 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84890-5-PBS



## Basic Information

<b>Catalog Number:</b> 84890-5-PBS	<b>GenBank Accession Number:</b> NM_001737.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 735	<b>CloneNo.:</b> 242475E4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P02748	
<b>Isotype:</b> IgG	<b>Full Name:</b> complement component 9	
	<b>Calculated MW:</b> 63kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

84890-5-PBS targets Component C9 as part of a matched antibody pair.

MP01620-3: 84890-5-PBS capture and 84890-3-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

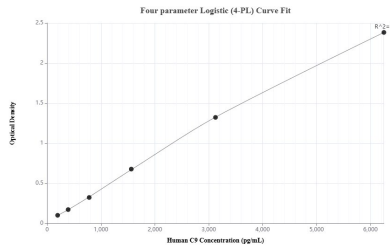
For technical support and original validation data for this product please contact:

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

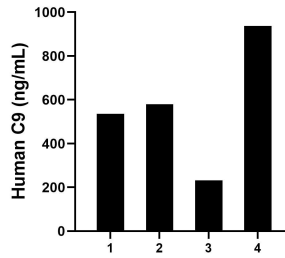
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

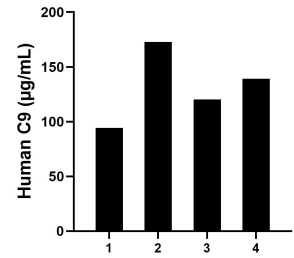
## Selected Validation Data



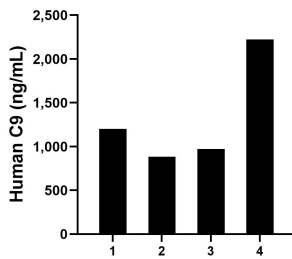
Sandwich ELISA standard curve of MP01620-3, Human C9 Recombinant Matched Antibody Pair - PBS only. 84890-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1282. 84890-3-PBS was HRP conjugated as the detection antibody. Range: 195.3-6250 µg/mL



Human milk of four individual healthy human donors was measured. The human C9 concentration of detected samples was determined to be 570.94 ng/mL with a range of 230.92 - 937.80 ng/mL



Serum of four individual healthy human donors was measured. The human C9 concentration of detected samples was determined to be 131.61 µg/mL with a range of 94.28 - 172.80 µg/mL



Tears of four individual healthy human donors was measured. The human C9 concentration of detected samples was determined to be 1,320.67 ng/mL with a range of 882.22 - 2,224.25 ng/mL