

For Research Use Only

# CD5 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83543-9-PBS



## Basic Information

<b>Catalog Number:</b> 83543-9-PBS	<b>GenBank Accession Number:</b> NM_014207.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 921	<b>CloneNo.:</b> 240428A3
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000110448	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P06127	
	<b>Full Name:</b> CD5 molecule	
	<b>Calculated MW:</b> 55 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

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

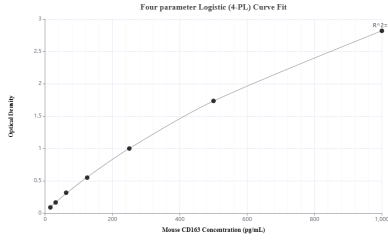
T: 4006900926

E: Proteintech-CN@ptglab.com

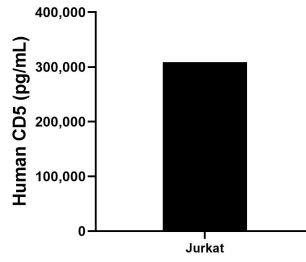
W: ptgcn.com

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

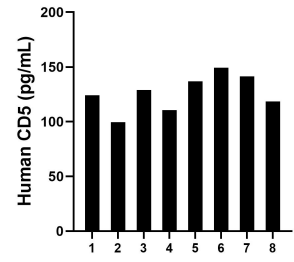
## Selected Validation Data



Sandwich ELISA standard curve of MP00525-4, CD5 Recombinant Matched Antibody Pair - PBS only. 83543-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1119. 83543-9-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



The mean human CD5 concentration was determined to be 308,651.0 pg/mL in Jurkat cell extract based on a 3.6 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The human CD5 concentration of detected samples was determined to be 126.14 pg/mL with a range of 99.4 -149.2 pg/mL.