

For Research Use Only

# CD97 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84255-7-PBS



## Basic Information

<b>Catalog Number:</b> 84255-7-PBS	<b>GenBank Accession Number:</b> BC026690	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 976	<b>CloneNo.:</b> 241334H1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P48960	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD97 molecule	
	<b>Calculated MW:</b> 722 aa, 79 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

84255-7-PBS targets CD97 as part of a matched antibody pair:

MP01158-4: 84255-7-PBS capture and 84255-1-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

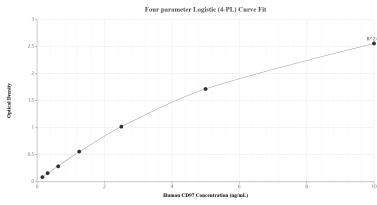
For technical support and original validation data for this product please contact:

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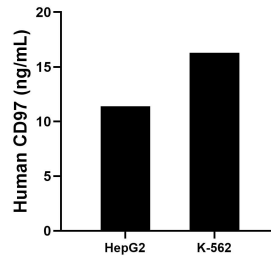
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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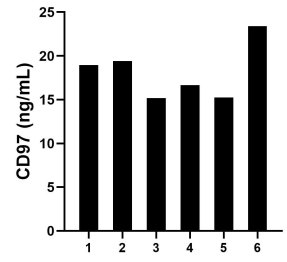
## Selected Validation Data



Sandwich ELISA standard curve of MP01158-4, Human CD97 Recombinant Matched Antibody Pair - PBS only. 84255-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RPO2330. 84255-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean CD97 concentration was determined to be 11.39 ng/mL in HepG2 cell extract based on a 2.30 mg/mL extract load and 16.28 ng/mL in K-562 cell extract based on a 2.40 mg/mL extract load.



Serum of six mice was measured. The CD97 concentration of detected samples was determined to be 18.14 ng/mL with a range of 15.16-23.41 ng/mL.