

# CD97 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01158-4**

## Capture Antibody Information

Catalog Number:  
84255-7-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241334H1

Reactivity:  
human

GenBank:  
BC026690

Conjugate:  
Unconjugated

Full name:  
CD97 molecule

Gene ID:  
976

## Detection Antibody Information

Catalog Number:  
84255-1-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241334A12

Reactivity:  
human

GenBank:  
BC026690

Conjugate:  
Unconjugated

Full name:  
CD97 molecule

Gene ID:  
976

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01158-4 targets CD97 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD97 Recombinant antibody, PBS Only (Capture) 84255-7-PBS (241334H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD97 Recombinant antibody, PBS Only (Detector) 84255-1-PBS (241334A12). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:

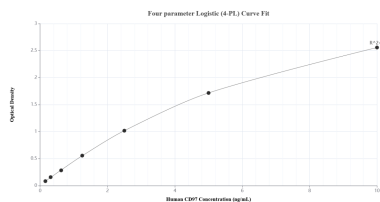
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

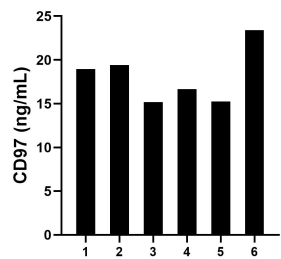
Storage buffer:

PBS only

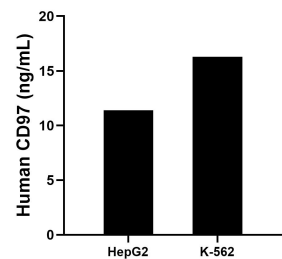
## Selected Validation Data



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.



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.



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.