

For Research Use Only

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

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.

Alternative CD97 matched antibody pairs: MP01158-1, MP01158-2, MP01158-3

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.

Storage buffer:

PBS only

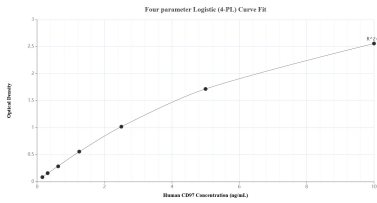
For technical support and original validation data for this product please contact:

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

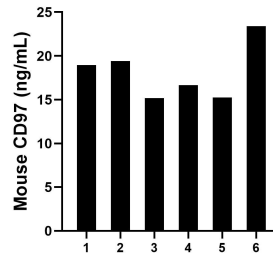
E: proteintech@ptglab.com
W: ptglab.com

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

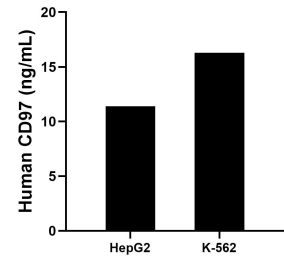
Selected Validation Data



Sandwich ELISA standard curve of 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.