

For Research Use Only



# IL-17C Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03144-1

## Capture Antibody Information

Catalog Number:  
87706-2-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
251249G4

Reactivity:  
human

GenBank:  
NM\_013278.3

Immunogen Catalog Number:  
Eg2788

Conjugate:  
Unconjugated

Full name:  
interleukin 17C

Gene ID:  
27189

## Detection Antibody Information

Catalog Number:  
87706-1-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
251249F9

Reactivity:  
human

GenBank:  
NM\_013278.3

Immunogen Catalog Number:  
Eg2788

Conjugate:  
Unconjugated

Full name:  
interleukin 17C

Gene ID:  
27189

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
15.6-1000 pg/mL (Sandwich ELISA)

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

## Product Information

MP03144-1 targets IL-17C in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL17C Recombinant monoclonal antibody, PBS Only (Capture) 87706-2-PBS (251249G4). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: IL17C Recombinant monoclonal antibody, PBS Only (Detector) 87706-1-PBS (251249F9). 100  $\mu$ g. 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

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

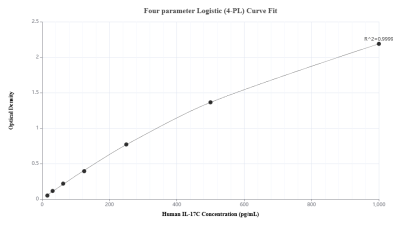
T: 4006900926

E: Proteintech-CN@ptglab.com

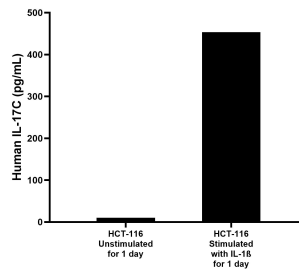
W: ptgcn.com

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 MP03144-1, Human IL-17C Recombinant Matched Antibody Pair - PBS only. 87706-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2788. 87706-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



HCT-116 cells were cultured unstimulated or stimulated with 15 ng/mL IL-1 $\beta$  for 1 day. The mean IL-17C concentration was determined to be 10.2 pg/mL in unstimulated cell culture supernatant, 453.2 pg/mL in stimulated cell culture supernatant.