

For Research Use Only

# CCL8 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02959-1

## Capture Antibody Information

Catalog Number:  
87361-2-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
251326G7

Reactivity:  
human

GenBank:  
BC126242

Immunogen Catalog Number:  
Eg5089

Conjugate:  
Unconjugated

Full name:  
chemokine (C-C motif) ligand 8

Gene ID:  
6355

## Detection Antibody Information

Catalog Number:  
87361-1-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
251326C2

Reactivity:  
human

GenBank:  
BC126242

Immunogen Catalog Number:  
Eg5089

Conjugate:  
Unconjugated

Full name:  
chemokine (C-C motif) ligand 8

Gene ID:  
6355

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
19.5-1250 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

MP02959-1 targets CCL8 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CCL8 Recombinant monoclonal antibody, PBS Only (Capture) 87361-2-PBS (251326G7). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: CCL8 Recombinant monoclonal antibody, PBS Only (Detector) 87361-1-PBS (251326C2). 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:

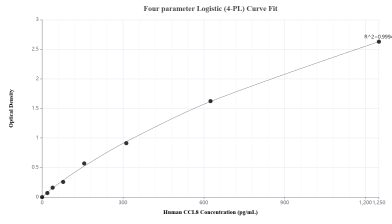
T: 4006900926

E: Proteintech-CN@ptglab.com

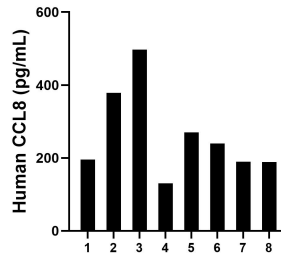
W: ptgcn.com

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

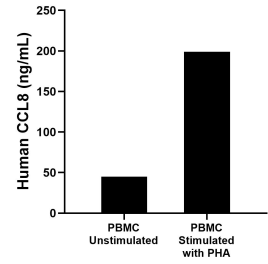
## Selected Validation Data



Sandwich ELISA standard curve of MP02959-1, Human CCL8 Recombinant Matched Antibody Pair - PBS only. 87361-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5089. 87361-1-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Plasma of eight individual healthy human donors was measured. The CCL8 concentration of detected samples was determined to be 261.1 pg/mL with a range of 130.0-496.9 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10  $\mu$ g/mL PHA for 1 day. The mean CCL8 concentration was determined to be 45.1 ng/mL in unstimulated PBMC supernatant, 199.1 ng/mL in PHA stimulated PBMC supernatant.