

For Research Use Only

# Mouse CCL6 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02473-1

## Capture Antibody Information

**Catalog Number:**  
86545-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250240F6  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_009139.3  
**Immunogen Catalog Number:**  
Eg2957

**Conjugate:**  
Unconjugated  
**Full name:**  
chemokine (C-C motif) ligand 6  
**Gene ID:**  
20305

## Detection Antibody Information

**Catalog Number:**  
86545-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250240D7  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_009139.3  
**Immunogen Catalog Number:**  
Eg2957

**Conjugate:**  
Unconjugated  
**Full name:**  
chemokine (C-C motif) ligand 6  
**Gene ID:**  
20305

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
39.1-2500 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

MP02473-1 targets CCL6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Ccl6 Recombinant monoclonal antibody, PBS Only (Capture) 86545-2-PBS (250240F6). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: Mouse Ccl6 Recombinant monoclonal antibody, PBS Only (Detector) 86545-1-PBS (250240D7). 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:

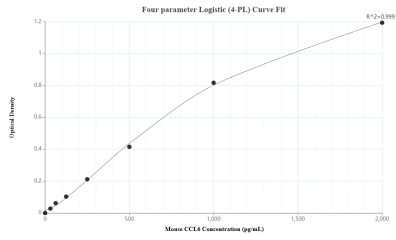
T: 4006900926

E: Proteintech-CN@ptglab.com

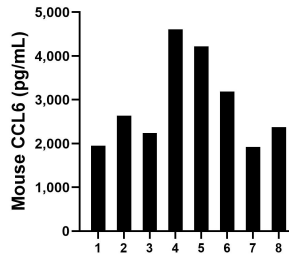
W: ptgcn.com

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

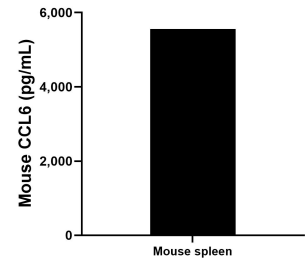
## Selected Validation Data



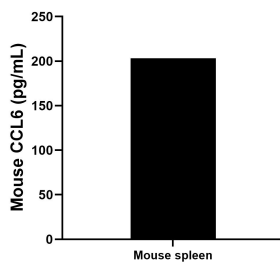
Sandwich ELISA standard curve of MP02473-1, Mouse CCL6 Recombinant Matched Antibody Pair - PBS only. 86545-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2957. 86545-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of eight mice was measured. The mouse CCL6 concentration of detected samples was determined to be 2,892.9 pg/mL with a range of 1,924.1 - 4,606.3 pg/mL.



The mean CCL6 concentration was determined to be 5,558.1 pg/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load.



Mouse spleen tissue (2 spleens in 1-2 mm pieces in 100 mL of medium) was cultured for 3 days in RPMI supplemented with 10% fetal bovine serum, 5  $\mu$  M  $\beta$ -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$  g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for mouse CCL6, and measured 203.2 pg/mL.