

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

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 µg. Concentration 1 mg/mL.

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

Storage buffer:

PBS only

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

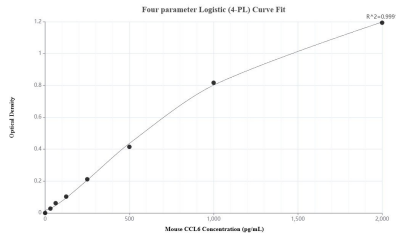
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

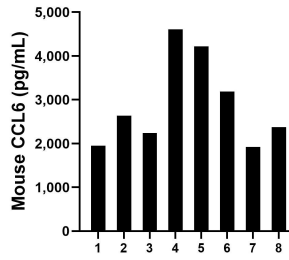
W: [ptglab.com](http://ptglab.com)

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

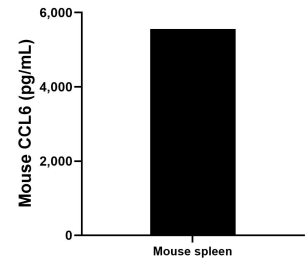
## Selected Validation Data



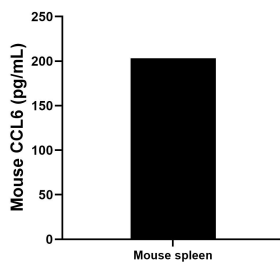
Sandwich ELISA standard curve of MP02473-1, Mouse CCL6 Recombinant Matched Antibody Pair - PBS only. 86545-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2957. 86545-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



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.