

For Research Use Only

# Mouse Ccl6 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86545-2-PBS



## Basic Information

<b>Catalog Number:</b> 86545-2-PBS	<b>GenBank Accession Number:</b> NM_009139.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 20305	<b>CloneNo.:</b> 250240F6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P27784	
<b>Isotype:</b> IgG	<b>Full Name:</b> chemokine (C-C motif) ligand 6	
<b>Immunogen Catalog Number:</b> EG2957	<b>Calculated MW:</b> 13 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
mouse

## Product Information

86545-2-PBS targets Ccl6 as part of a matched antibody pair.

MP02473-1: 86545-2-PBS capture and 86545-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

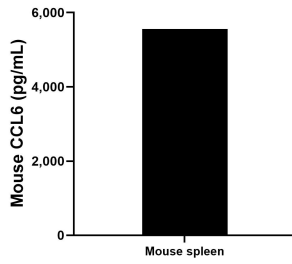
For technical support and original validation data for this product please contact:

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.**

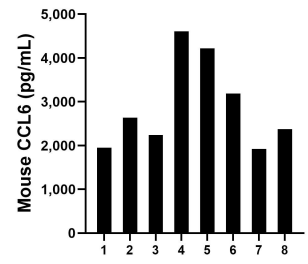
## Selected Validation Data



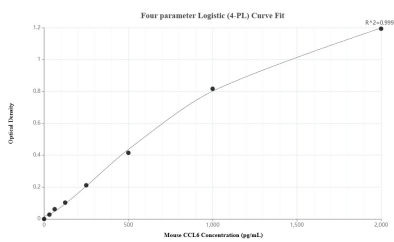
The mean CCL6 concentration was determined to be 5,558.1 pg/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load.



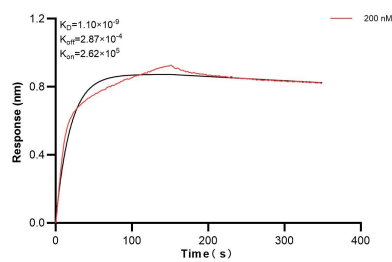
Mouse spleen tissue (2 spleens in 1-2 mm pieces in 100 mL of medium) was cultured for 3 days in RPMI supplemented with 10% fetal bovine serum, 5  $\mu$ M  $\beta$ -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$ g/mL streptomycin sulfate. An aliquot of the cell culture supernate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



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.



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.



Biolayer interferometry (BLI) kinetic assay of 86545-2-PBS against Mouse Ccl6 was performed. The affinity constant is 1.10 nM.