

For Research Use Only

# Rat MCP-1/CCL2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83370-1-PBS



## Basic Information

<b>Catalog Number:</b> 83370-1-PBS	<b>GenBank Accession Number:</b> NM_031530	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 24770	<b>CloneNo.:</b> 240341D11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P14844	
<b>Isotype:</b> IgG	<b>Full Name:</b> chemokine (C-C motif) ligand 2	
	<b>Calculated MW:</b> 16 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
rat

## Product Information

83370-1-PBS targets MCP-1/CCL2 as part of a matched antibody pair:

MP00390-1: 83370-3-PBS capture and 83370-1-PBS detection (validated in Cytometric bead array)

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.

## Background Information

Monocyte chemoattractant protein-1 (MCP-1/CCL2) is one of the key chemokines that regulate migration and infiltration of monocytes/macrophages. Both CCL2 and its receptor CCR2 have been demonstrated to be induced and involved in various diseases. Migration of monocytes from the blood stream across the vascular endothelium is required for routine immunological surveillance of tissues, as well as in response to inflammation.

## Storage

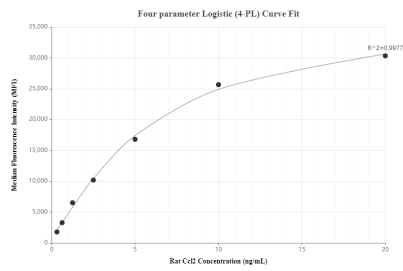
**Storage:**  
Store at -80°C.

**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)

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# Selected Validation Data



Cytometric bead array standard curve of MP00390-1, RAT MCP-1/CCL-2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83370-3-PBS. Detection antibody: 83370-1-PBS. Standard: Eg0397. Range: 0.313-20 ng/mL