

For Research Use Only

# CCL3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86780-2-PBS



## Basic Information

<b>Catalog Number:</b> 86780-2-PBS	<b>GenBank Accession Number:</b> BC071834	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6348	<b>CloneNo.:</b> 251524G2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10147	
<b>Isotype:</b> IgG	<b>Full Name:</b> chemokine (C-C motif) ligand 3	
<b>Immunogen Catalog Number:</b> EG3309	<b>Calculated MW:</b> 92 aa, 10 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

86780-2-PBS targets CCL3 as part of a matched antibody pair:

MP02665-1: 86780-2-PBS capture and 86780-1-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.

## Storage

**Storage:**  
Store at -80°C.

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

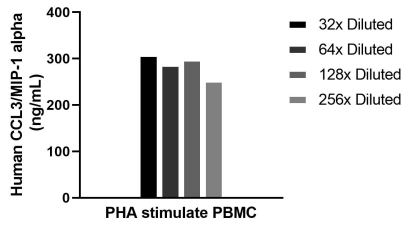
For technical support and original validation data for this product please contact:

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

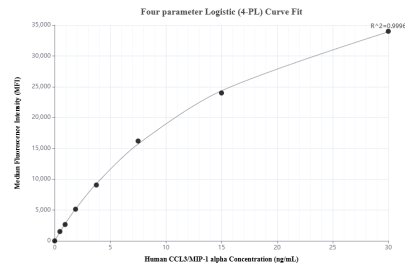
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Human peripheral blood mononuclear cells ( $1 \times 10^6$  cells/mL) were cultured in RPMI supplemented with 8% fetal bovine serum,  $50 \mu\text{M}$   $\beta$ -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin and 100  $\mu\text{g}/\text{mL}$  streptomycin sulfate. Cells were stimulated with  $10 \mu\text{g}/\text{mL}$  PHA. Aliquots of the cell culture supernatants were removed on days 5 assayed for levels of human CCL3/MIP-1 alpha, and measured 286.0 ng/mL.



Cytometric bead array standard curve of MP02665-1, CCL3/MIP-1 alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86780-2-PBS. Detection antibody: 86780-1-PBS. Standard: Eg3309. Range: 0.469-60 ng/mL.