

For Research Use Only

# CXCL6 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02314-1

## Capture Antibody Information

Catalog Number:  
85953-3-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
243095E4  
Reactivity:  
human  
Immunogen Catalog Number:  
Eg3386

Conjugate:  
Unconjugated  
Full name:  
chemokine (C-X-C motif) ligand 6  
(granulocyte chemotactic protein 2)  
Gene ID:  
6372

## Detection Antibody Information

Catalog Number:  
85953-2-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
243095C9  
Reactivity:  
human  
GenBank:  
NM\_002993.4  
Immunogen Catalog Number:  
Eg3386

Conjugate:  
Unconjugated  
Full name:  
chemokine (C-X-C motif) ligand 6  
(granulocyte chemotactic protein 2)  
Gene ID:  
6372

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
46.9-3000 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

MP02314-1 targets CXCL6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CXCL6 Recombinant antibody, PBS Only (Capture) 85953-3-PBS (243095E4). 100 µg. Concentration 1 mg/mL.

Detection antibody: CXCL6 Recombinant antibody, PBS Only (Detector) 85953-2-PBS (243095C9). 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

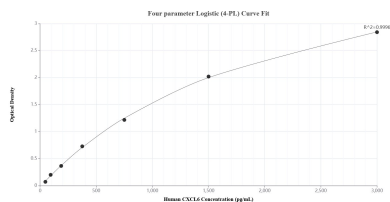
For technical support and original validation data for this product please contact:

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

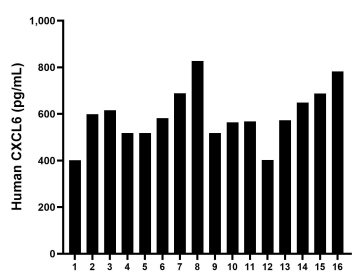
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

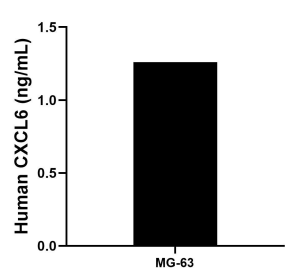
## Selected Validation Data



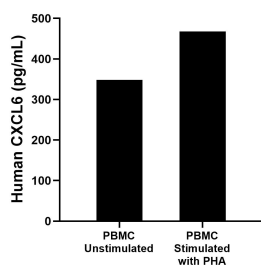
Sandwich ELISA standard curve of MP02314-1, Human CXCL6 Recombinant Matched Antibody Pair - PBS only. 85953-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3386. 85953-2-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL.



Serum of sixteen individual healthy human donors was measured. The CXCL6 concentration of detected samples was determined to be 593.4 pg/mL with a range of 401.6-827.0 pg/mL.



MG-63 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for CXCL6, and measured 1.3 ng/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean CXCL6 concentration was determined to be 348.5 pg/mL in unstimulated PBMC supernatant, 467.5 pg/mL in PHA stimulated PBMC supernatant.