

For Research Use Only

# IL-4 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50010-1

## Capture Antibody Information

Catalog Number:  
68728-1-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G purification

Clone ID:  
1A9C2  
Reactivity:  
human  
GenBank:  
Immunogen Catalog Number:  
HZ-1004

Conjugate:  
Unconjugated  
Full name:  
interleukin 4  
Gene ID:  
3565

## Detection Antibody Information

Catalog Number:  
68728-2-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G purification

Clone ID:  
1A8A6  
Reactivity:  
human  
GenBank:  
Immunogen Catalog Number:  
HZ-1004

Conjugate:  
Unconjugated  
Full name:  
interleukin 4  
Gene ID:  
3565

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.313-20 ng/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP50010-1 targets IL-4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-4 Monoclonal antibody, PBS Only (Capture) 68728-1-PBS (1A9C2). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-4 Monoclonal antibody, PBS Only (Detector) 68728-2-PBS (1A8A6). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C  
Storage buffer:  
PBS only

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

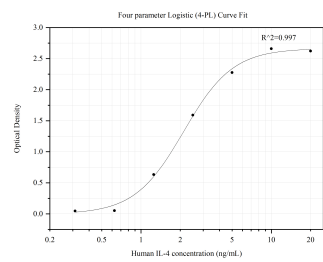
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

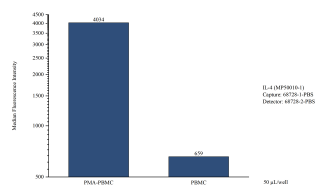
W: [ptgcn.com](http://ptgcn.com)

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 MP50010-1, IL-4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68728-1-PBS. Detection antibody: HRP-conjugated 68728-2-PBS. Standard: HZ-1004. Range: 0.313-20 ng/mL.



Cytometric bead array of Human peripheral blood mononuclear cells (PBMC) supernatant using MP50010-1, IL-4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68728-1-PBS. Detection antibody: 68728-2-PBS. PBMC were cultured unstimulated or stimulated with 1 µg/mL PMA for 48 hours. 50 µL of the supernatant was analyzed using MP50010-1.