

# Mouse IL-4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01896-3**

## Capture Antibody Information

**Catalog Number:**  
85179-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242736G7  
**Reactivity:**  
mouse  
**Immunogen Catalog Number:**  
Eg3750

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 4  
**Gene ID:**  
16189

## Detection Antibody Information

**Catalog Number:**  
85179-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242736D10  
**Reactivity:**  
mouse  
**GenBank:**  
BC027514  
**Immunogen Catalog Number:**  
Eg3750

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 4  
**Gene ID:**  
16189

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
1.563-100 ng/mL (Cytometric Bead Array)

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

## Product Information

MP01896-3 targets IL-4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse IL-4 Recombinant antibody, PBS Only (Capture) 85179-7-PBS (242736G7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-4 Recombinant antibody, PBS Only (Detector) 85179-6-PBS (242736D10). 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

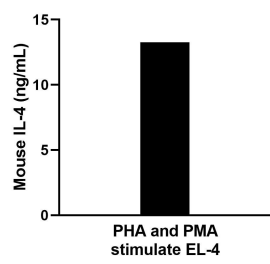
For technical support and original validation data for this product please contact:

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

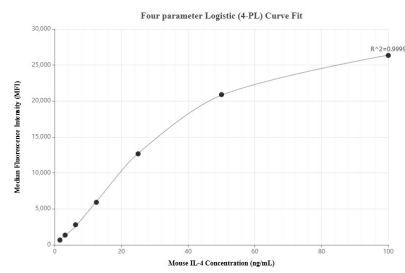
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



EL-4 mouse lymphoblast cells ( $9 \times 10^5$  cells/mL) were cultured for 2 days in DMEM supplemented with 10% fetal bovine serum and stimulated with 10  $\mu$ g/mL PHA and 10 ng/mL PMA. An aliquot of the culture supernatant was removed, assayed for mouse IL-4, and measured 13.4 ng/mL.



Cytometric bead array standard curve of MP01896-3, MOUSE IL-4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85179-7-PBS. Detection antibody: 85179-6-PBS. Standard: Eg3750. Range: 1.563-100 ng/mL.