

# Mouse IL-6 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00756-4**

## Capture Antibody Information

**Catalog Number:**  
83795-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240701C11  
**Reactivity:**  
mouse

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 6  
**Gene ID:**  
16193

## Detection Antibody Information

**Catalog Number:**  
83795-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240701E8  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_031168

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 6  
**Gene ID:**  
16193

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
15.6-1000 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

MP00756-4 targets IL-6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse IL6 Recombinant antibody, PBS Only (Capture) 83795-6-PBS (240701C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-6 Recombinant antibody, PBS Only (Capture/Detector) 83795-1-PBS (240701E8). 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

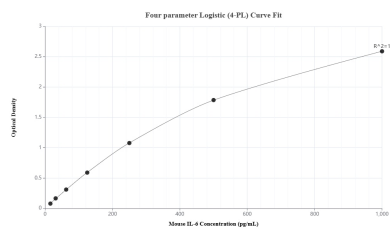
For technical support and original validation data for this product please contact:

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

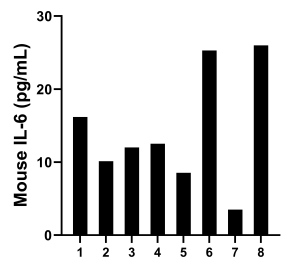
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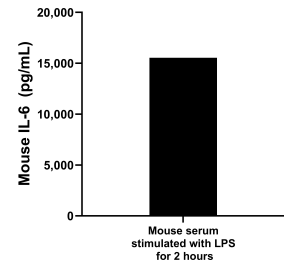
# Selected Validation Data



Sandwich ELISA standard curve of MP00756-4, Mouse IL-6 Recombinant Matched Antibody Pair- PBS only. 83795-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0973. 83795-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Serum of eight mice was measured. The mouse IL-6 concentration of detected samples was determined to be 14.3 pg/mL with a range of 3.5-25.9 pg/mL



A mouse was stimulated with 15 µg of LPS and was bled 2 hours after stimulation. The serum was tested for mouse IL-6 and measured 15,539.3 pg/mL