

For Research Use Only

# Mouse IL-15 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03066-1

## Capture Antibody Information

**Catalog Number:**  
82862-8-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251309C3  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_001254747  
**Immunogen Catalog Number:**  
Eg2179

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 15  
**Gene ID:**  
16168

## Detection Antibody Information

**Catalog Number:**  
82862-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251309C1  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_001254747  
**Immunogen Catalog Number:**  
Eg2179

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 15  
**Gene ID:**  
16168

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
97.7-6250 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

MP03066-1 targets IL-15 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse IL-15 Recombinant monoclonal antibody, PBS Only (Capture) 82862-8-PBS (251309C3).  
100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-15 Recombinant monoclonal antibody, PBS Only (Detector) 82862-7-PBS (251309C1).  
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.  
**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:

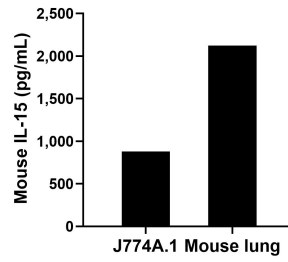
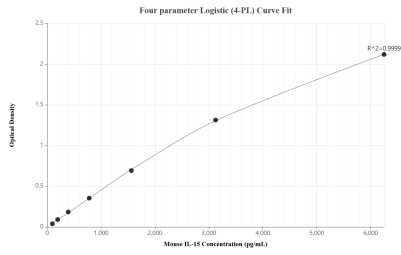
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 MP03066-1, IL-15 Recombinant Matched Antibody Pair - PBS only. 82862-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2179. 82862-7-PBS was biotinylated as the detection antibody. Range: 97.7-6250 pg/mL

The mean IL-15 concentration was determined to be 878.90 pg/mL in J774A.1 cell extract based on a 1.2 mg/mL extract load and 2,122.0 pg/mL in mouse lung extract based on a 4.8 mg/mL extract load.