

# Mouse Cxcl15 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00193-3**

## Capture Antibody Information

**Catalog Number:**  
83245-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240163C5  
**Reactivity:**  
mouse  
**GenBank:**  
BC061138  
**Immunogen Catalog Number:**  
Ag33964

**Conjugate:**  
Unconjugated  
**Full name:**  
chemokine (C-X-C motif) ligand 15  
**Gene ID:**  
20309

## Detection Antibody Information

**Catalog Number:**  
83245-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240163G7  
**Reactivity:**  
mouse  
**GenBank:**  
BC061138  
**Immunogen Catalog Number:**  
Ag33964

**Conjugate:**  
Unconjugated  
**Full name:**  
chemokine (C-X-C motif) ligand 15  
**Gene ID:**  
20309

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
156-10000 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

MP00193-3 targets Cxcl15 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Cxcl15 Recombinant antibody, PBS Only (Capture) 83245-4-PBS (240163C5). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Cxcl15 Recombinant antibody, PBS Only (Detector) 83245-5-PBS (240163G7). 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.

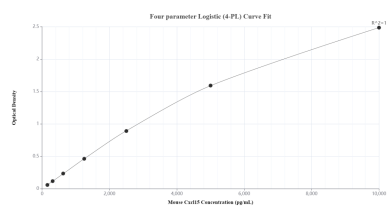
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

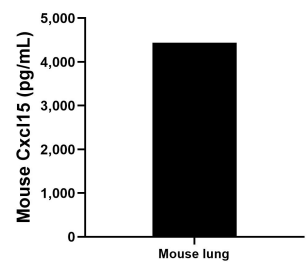
## Storage

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

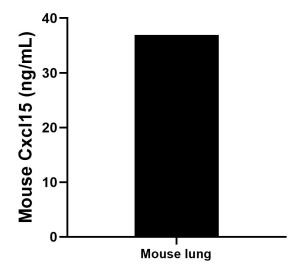
## Selected Validation Data



Sandwich ELISA standard curve of MP00193-3, Mouse Cxcl15 Recombinant Matched Antibody Pair - PBS only. 83245-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag33964. 83245-5-PBS was HRP conjugated as the detection antibody. Range: 156-10000 pg/mL.



Mouse lung were rinsed with enough PBS to cover the organs and kept on ice. Tissue was homogenized with a tissue homogenizer and cultured in RPMI 1640 supplemented with 10% fetal bovine serum, 2 mM L-glutamine, 100 U/mL penicillin, and 100 mg/mL streptomycin sulfate. Aliquots of the cell culture supernates were removed and assayed for mouse Cxcl15, and measured 4,435.8 pg/mL.



The mean Cxcl15 concentration was determined to be 36.9 ng/mL in mouse lung tissue extract based on a 3.0 mg/mL extract load.