

# Mouse Chemerin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00537-3**

## Capture Antibody Information

**Catalog Number:**  
83550-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240355B3  
**Reactivity:**  
mouse

**Conjugate:**  
Unconjugated  
**Full name:**  
retinoic acid receptor responder  
(tazarotene induced) 2  
**Gene ID:**  
71660

## Detection Antibody Information

**Catalog Number:**  
83550-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240355D4  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_001347168.1

**Conjugate:**  
Unconjugated  
**Full name:**  
retinoic acid receptor responder  
(tazarotene induced) 2  
**Gene ID:**  
71660

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
3.91-250 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

MP00537-3 targets Chemerin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Chemerin Recombinant antibody, PBS Only (Capture/Detector) 83550-1-PBS (240355B3).  
100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Chemerin Recombinant antibody, PBS Only (Capture/Detector) 83550-2-PBS (240355D4).  
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

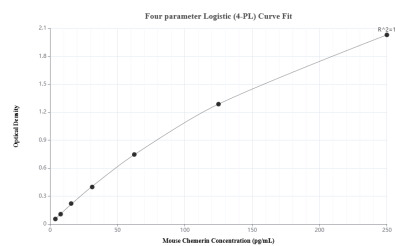
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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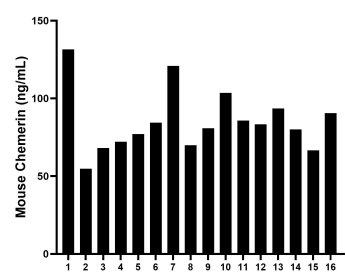
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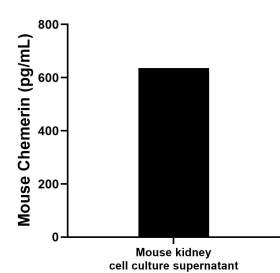
## Selected Validation Data



Sandwich ELISA standard curve of MP00537-3, Mouse Chemerin Recombinant Matched Antibody Pair - PBS only. 83550-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0875. 83550-2-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 pg/mL



Serum of sixteen mice was measured. The mouse Chemerin concentration of detected samples was determined to be 85.21 ng/mL with a range of 54.83 - 131.59 ng/mL.



Mouse kidney tissue from one adult mouse (chopped in 1-2 mm pieces in 30 mL of medium) was cultured in RPMI supplemented with 10 % fetal calfserum and 50 µM β-mercaptoethanol. Aliquots of the cell culture supernates were removed, assayed for levels of mouse Chemerin, and measured 636.2 pg/mL