

# Mouse C5a Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02047-2**

## Capture Antibody Information

**Catalog Number:**  
85659-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242757H6  
**Reactivity:**  
mouse

**Conjugate:**  
Unconjugated  
**Full name:**  
hemolytic complement  
**Gene ID:**  
15139

## Detection Antibody Information

**Catalog Number:**  
85659-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242757A3  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_010406.2

**Conjugate:**  
Unconjugated  
**Full name:**  
hemolytic complement  
**Gene ID:**  
15139

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.781-100 ng/mL (Cytometric Bead Array)  
23.4-1500 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

MP02047-2 targets C5a in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse Complement Component C5a Recombinant antibody, PBS Only (Capture) 85659-4-PBS (242757H6). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Complement Component C5a Recombinant antibody, PBS Only (Detector) 85659-3-PBS (242757A3). 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

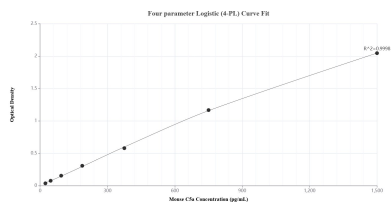
For technical support and original validation data for this product please contact:

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

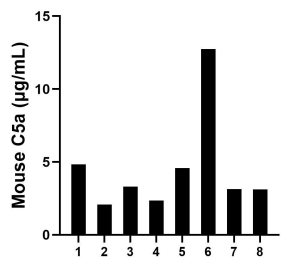
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

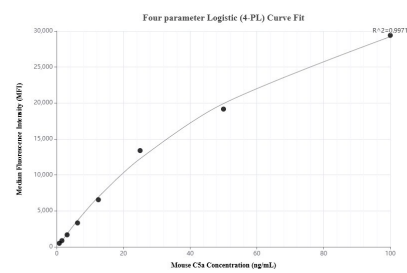
## Selected Validation Data



Sandwich ELISA standard curve of MP02047-2, Mouse C5a Recombinant Matched Antibody Pair - PBS only. 85659-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3332. 85659-3-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL



Serum of eight mice was measured. The C5a concentration of detected samples was determined to be 4.5 µg/mL with a range of 2.1-12.8 µg/mL



Cytometric bead array standard curve of MP02047-2, MOUSE C5a Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85659-4-PBS. Detection antibody: 85659-3-PBS. Standard: Eg3332. Range: 0.781-100 ng/mL