

For Research Use Only

# Mouse CD47 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02223-1

## Capture Antibody Information

**Catalog Number:**  
85958-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242850B5  
**Reactivity:**  
mouse  
**Immunogen Catalog Number:**  
Eg1394

**Conjugate:**  
Unconjugated  
**Full name:**  
CD47 antigen (Rh-related antigen, integrin-associated signal transducer)  
**Gene ID:**  
16423

## Detection Antibody Information

**Catalog Number:**  
85958-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242850A10  
**Reactivity:**  
mouse  
**GenBank:**  
NP\_001355344.1  
**Immunogen Catalog Number:**  
Eg1394

**Conjugate:**  
Unconjugated  
**Full name:**  
CD47 antigen (Rh-related antigen, integrin-associated signal transducer)  
**Gene ID:**  
16423

## Applications

**Tested Applications:**  
Cytometric bead array

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

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02223-1 targets CD47 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse CD47 Recombinant antibody, PBS Only (Capture) 85958-3-PBS (242850B5). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD47 Recombinant antibody, PBS Only (Detector) 85958-2-PBS (242850A10). 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.

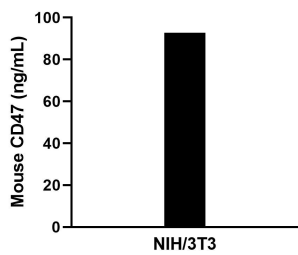
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

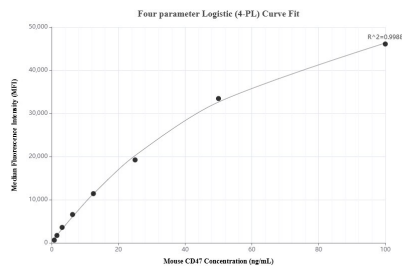
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



The mean CD47 concentration was determined to be 93.7 ng/mL in NIH/3T3 cell extract based on a 1.4 mg/mL extract load.



Cytometric bead array standard curve of MP02223-1, MOUSE CD47 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85958-3-PBS. Detection antibody: 85958-2-PBS. Standard: Eg1394. Range: 0.781-100 ng/mL.