

# Mouse CD44 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01873-3**

## Capture Antibody Information

**Catalog Number:**

85163-4-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

242666E7

**Reactivity:**

mouse

**Immunogen Catalog Number:**

Eg3159

**Conjugate:**

Unconjugated

**Full name:**

CD44 antigen

**Gene ID:**

12505

## Detection Antibody Information

**Catalog Number:**

85163-1-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

242666C2

**Reactivity:**

mouse

**GenBank:**

NM\_009851.2

**Immunogen Catalog Number:**

Eg3159

**Conjugate:**

Unconjugated

**Full name:**

CD44 antigen

**Gene ID:**

12505

## Applications

**Tested Applications:**

Sandwich ELISA

**Range:**

0.313-20 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**

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

## Product Information

MP01873-3 targets CD44 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Cd44 Recombinant antibody, PBS Only (Capture) 85163-4-PBS (242666E7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Cd44 Recombinant antibody, PBS Only (Detector) 85163-1-PBS (242666C2). 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

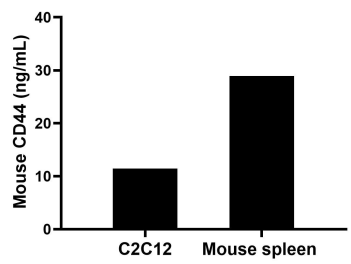
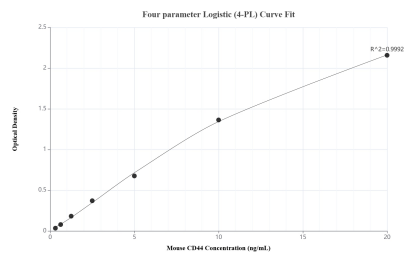
For technical support and original validation data for this product please contact:

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



Sandwich ELISA standard curve of MP01873-3, Mouse CD44 Recombinant Matched Antibody Pair - PBS only. 85163-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3159. 85163-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.

The mean CD44 concentration was determined to be 11.46 ng/mL in C2C12 cell extract based on a 1.40 mg/mL extract load and 28.96 ng/mL in mouse spleen tissue extract based on a 8.40 mg/mL extract load.