

# 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  
**GenBank:**  
NM\_009851.2  
**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.

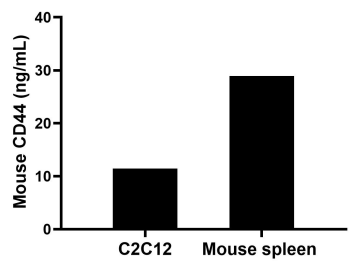
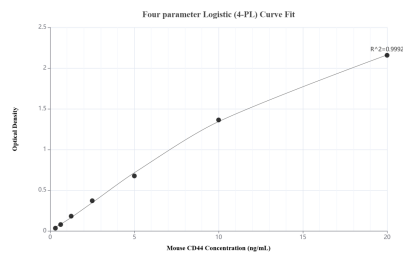
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**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 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.