

For Research Use Only

# Mouse CD44 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01873-4

## Capture Antibody Information

Catalog Number:

85163-8-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242666A8

Reactivity:

mouse

Immunogen Catalog Number:

Eg3159

Conjugate:

Unconjugated

Full name:

CD44 antigen

Gene ID:

12505

## Detection Antibody Information

Catalog Number:

85163-9-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242666D3

Reactivity:

mouse

GenBank:

NM\_009851.2

Immunogen Catalog Number:

Eg3159

Conjugate:

Unconjugated

Full name:

CD44 antigen

Gene ID:

12505

## 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

MP01873-4 targets CD44 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse Cd44 Recombinant monoclonal antibody, PBS Only (Capture) 85163-8-PBS (242666A8). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Cd44 Recombinant monoclonal antibody, PBS Only (Detector) 85163-9-PBS (242666D3). 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

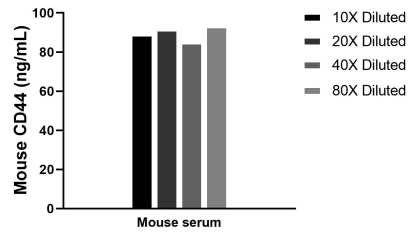
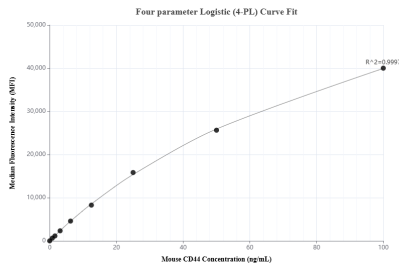
For technical support and original validation data for this product please contact:

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



Cytometric bead array standard curve of MP01873-4, MOUSE CD44 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85163-8-PBS. Detection antibody: 85163-9-PBS. Standard: Eg3159. Range: 0.781-100 ng/mL

The mean CD44 concentration was determined to be 89.5 ng/mL in mouse serum.