

For Research Use Only

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

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

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

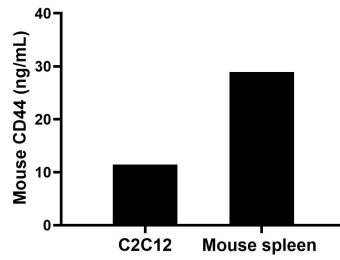
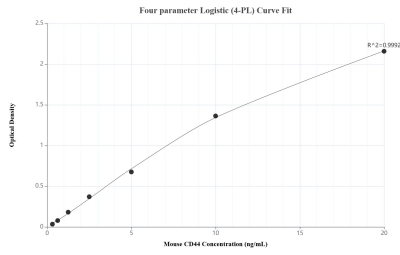
For technical support and original validation data for this product please contact:

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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 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 cell extract based on a 8.40 mg/mL extract load.