

For Research Use Only

Mouse CD44 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01873-5

Capture Antibody Information

Catalog Number:

85163-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242666C11

Reactivity:

human, 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:

Sandwich ELISA

Range:

0.156-10 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

MP01873-5 targets CD44 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD44 Recombinant monoclonal antibody, PBS Only (Capture) 85163-5-PBS (242666C11). 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:

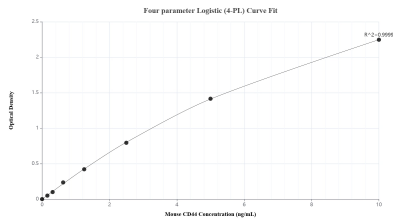
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

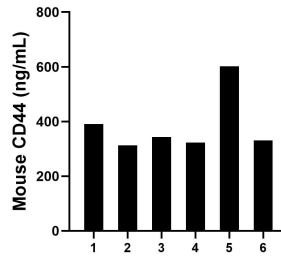
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

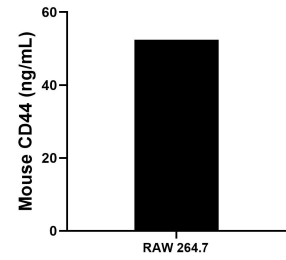
Selected Validation Data



Sandwich ELISA standard curve of MP01873-5, Mouse CD44 Recombinant Matched Antibody Pair - PBS only. 85163-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3159. 85163-9-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



Serum of six mice was measured. The CD44 concentration of detected samples was determined to be 383.66 ng/mL with a range of 313.21-602.16 ng/mL.



The mean CD44 concentration was determined to be 52.46 ng/mL in RAW 264.7 cell extract based on a 1.20 mg/mL extract load.