

For Research Use Only

# Mouse CD34 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00684-3

## Capture Antibody Information

Catalog Number:

83713-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240659D6

Reactivity:

mouse

Conjugate:

Unconjugated

Full name:

CD34 antigen

Gene ID:

12490

## Detection Antibody Information

Catalog Number:

83713-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240659E8

Reactivity:

mouse

GenBank:

NM\_133654

Conjugate:

Unconjugated

Full name:

CD34 antigen

Gene ID:

12490

## Applications

Tested Applications:

Sandwich ELISA

Range:

15.6-1000 pg/mL (Sandwich ELISA)

Recommended Dilutions:

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

## Product Information

MP00684-3 targets CD34 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD34 Recombinant antibody, PBS Only (Capture) 83713-5-PBS (240659D6). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD34 Recombinant antibody, PBS Only (Detector) 83713-4-PBS (240659E8). 100 µg. Concentration 1 mg/mL.

Alternative CD34 matched antibody pairs: MP00684-1, MP00684-2, MP01109-1, MP01109-2

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:

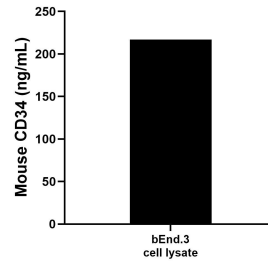
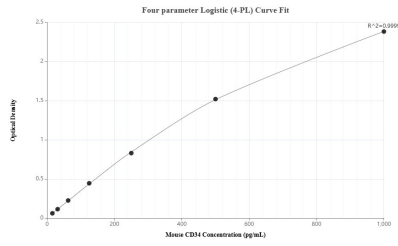
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## Selected Validation Data



Sandwich ELISA standard curve of MP00684-3, Mouse CD34 Recombinant Matched Antibody Pair - PBS only. 83713-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0854. 83713-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL

bEnd.3 cell lysate was measured. The mouse CD34 concentration of detected samples was determined to be 216.89 ng/mL (based on a 1.8 mg/mL extract load).