

For Research Use Only



# Mouse VE-cadherin/CD144 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01386-3

## Capture Antibody Information

Catalog Number:

84529-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241953H6

Reactivity:

mouse

Conjugate:

Unconjugated

Full name:

cadherin 5

Gene ID:

12562

## Detection Antibody Information

Catalog Number:

84529-6-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241953G1

Reactivity:

mouse

GenBank:

NM\_009868.4

Conjugate:

Unconjugated

Full name:

cadherin 5

Gene ID:

12562

## Applications

Tested Applications:

Sandwich ELISA

Range:

3.13-200 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

MP01386-3 targets VE-cadherin/CD144 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse VE-cadherin Recombinant antibody, PBS Only (Capture) 84529-3-PBS (241953H6). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse VE-cadherin Recombinant antibody, PBS Only (Detector) 84529-6-PBS (241953G1). 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

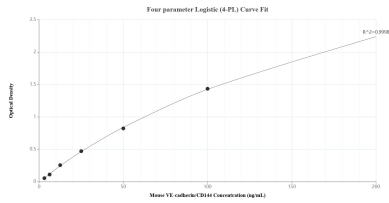
For technical support and original validation data for this product please contact:

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

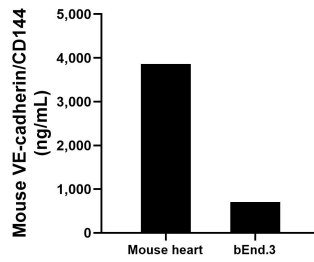
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Sandwich ELISA standard curve of MP01386-3, Mouse VE-cadherin/CD144 Recombinant Matched Antibody Pair - PBS only. 84529-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0921. 84529-6-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL.



The mean VE-cadherin/CD144 concentration was determined to be 3,858.35 ng/mL in mouse heart cell extract based on a 1.20 mg/mL extract load and 709.13 ng/mL in bEnd.3 cell extract based on a 1.80 mg/mL extract load.