

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

Immunogen Catalog Number:  
Eg0921

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

Immunogen Catalog Number:  
Eg0921

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

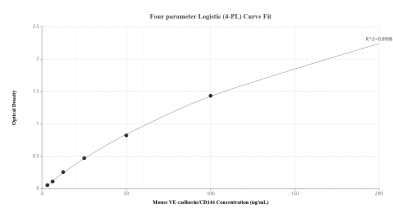
For technical support and original validation data for this product please contact:

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

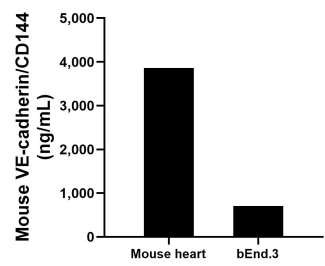
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 tissue 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.