

# 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  
**GenBank:**  
NM\_009868.4  
**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.

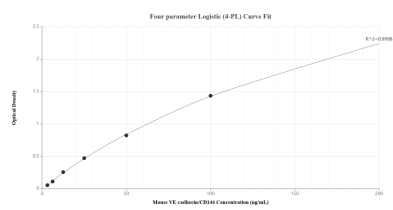
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

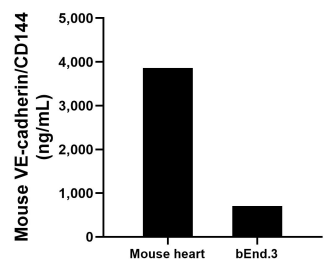
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

## 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.