

# VCAM-1/CD106 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01145-3**

## Capture Antibody Information

**Catalog Number:**

84249-4-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

241284B2

**Reactivity:**

human

**GenBank:**

NM\_001078.4

**Conjugate:**

Unconjugated

**Full name:**

vascular cell adhesion molecule 1

**Gene ID:**

7412

## Detection Antibody Information

**Catalog Number:**

84249-2-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

241283D8

**Reactivity:**

human

**GenBank:**

NM\_001078.4

**Conjugate:**

Unconjugated

**Full name:**

vascular cell adhesion molecule 1

**Gene ID:**

7412

## Applications

**Tested Applications:**

Cytometric bead array, Sandwich ELISA

**Range:**0.625-40 ng/mL (Cytometric Bead Array)  
39.1-2500 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

MP01145-3 targets VCAM-1/CD106 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: VCAM-1/CD106 Recombinant antibody, PBS Only (Capture) 84249-4-PBS (241284B2). 100 µg. Concentration 1 mg/mL.

Detection antibody: VCAM-1/CD106 Recombinant antibody, PBS Only (Detector) 84249-2-PBS (241283D8). 100 µg. Concentration 1 mg/mL.

Alternative VCAM-1/CD106 matched antibody pairs: MP00701-1, MP00701-2, MP00701-3, MP00701-4, MP01145-1, MP01145-2, MP50328-1

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:**

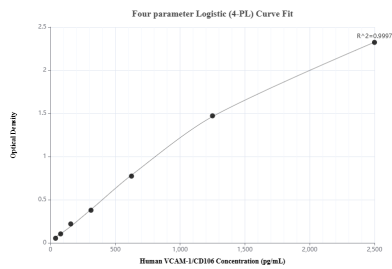
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

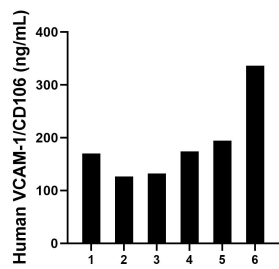
**Storage buffer:**

PBS only

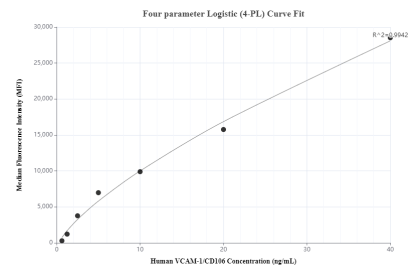
## Selected Validation Data



Sandwich ELISA standard curve of MP01145-3, Human VCAM-1/CD106 Recombinant Matched Antibody Pair - PBS only. 84249-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02345. 84249-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of six individual healthy human donors was measured. The human VCAM-1/CD106 concentration of detected samples was determined to be 188.79 ng/mL with a range of 126.68 - 336.06 ng/mL



Cytometric bead array standard curve of MP01145-3, VCAM-1/CD106 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84249-4-PBS. Detection antibody: 84249-2-PBS. Standard: RP02345. Range: 0.625-40 ng/mL