

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

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.
Storage buffer:
PBS only

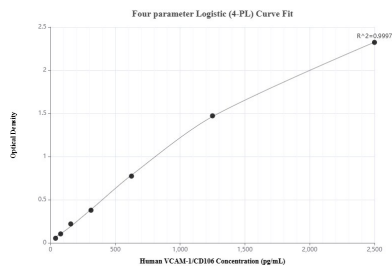
For technical support and original validation data for this product please contact:

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

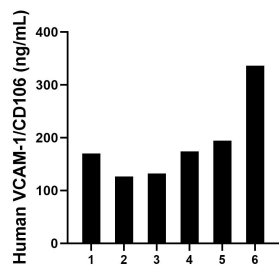
E: proteintech@ptglab.com
W: ptglab.com

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

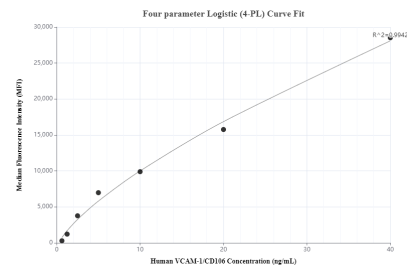
Selected Validation Data



Sandwich ELISA standard curve of 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