

ICAM2/CD102 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01646-1**

Capture Antibody Information

Catalog Number:
84857-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242237F8
Reactivity:
human
GenBank:
NM_001099789.2

Conjugate:
Unconjugated
Full name:
intercellular adhesion molecule 2
Gene ID:
3384

Detection Antibody Information

Catalog Number:
84857-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242237C9
Reactivity:
human
GenBank:
NM_001099789.2

Conjugate:
Unconjugated
Full name:
intercellular adhesion molecule 2
Gene ID:
3384

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-80 ng/mL (Cytometric Bead Array)
78.1-5000 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

MP01646-1 targets ICAM2/CD102 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: ICAM-2/CD102 Recombinant antibody, PBS Only (Capture) 84857-2-PBS (242237F8). 100 µg. Concentration 1 mg/mL.

Detection antibody: ICAM-2/CD102 Recombinant antibody, PBS Only (Detector) 84857-1-PBS (242237C9). 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.

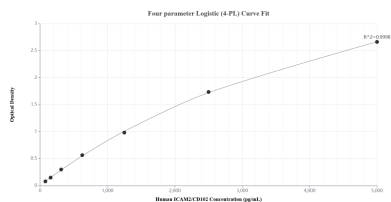
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

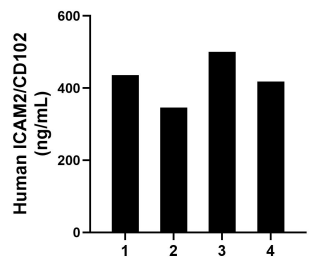
Storage

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

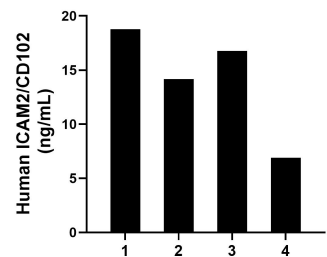
Selected Validation Data



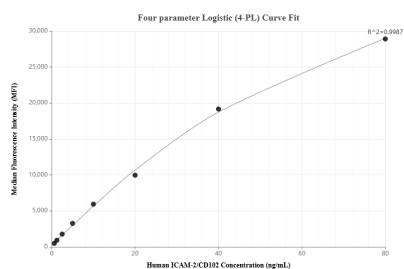
Sandwich ELISA standard curve of MP01646-1, Human ICAM2/CD102 Recombinant Matched Antibody Pair - PBS only. 84857-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2002. 84857-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of four individual healthy human donors was measured. The ICAM2/CD102 concentration of samples was determined to be 425.2 ng/mL with a range of 346.3-500.1 ng/mL.



Urine of four individual healthy human donors was measured. The ICAM2/CD102 concentration of detected samples was determined to be 14.2 ng/mL with a range of 6.9-18.8 ng/mL.



Cytometric bead array standard curve of MP01646-1, ICAM2/CD102 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84857-2-PBS. Detection antibody: 84857-1-PBS. Standard: Eg2002. Range: 0.625-80 ng/mL