

CEACAM-1/CD66a Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00520-1**

Capture Antibody Information

Catalog Number:
83524-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240497G12
Reactivity:
human
GenBank:
BC014473

Conjugate:
Unconjugated
Full name:
carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
Gene ID:
634

Detection Antibody Information

Catalog Number:
83524-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240497G7
Reactivity:
human
GenBank:
BC014473

Conjugate:
Unconjugated
Full name:
carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
Gene ID:
634

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.313-40 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

MP00520-1 targets CEACAM-1/CD66a in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CEACAM1/CD66a Recombinant antibody, PBS Only (Capture) 83524-1-PBS (240497G12). 100 μ g. Concentration 1 mg/mL.

Detection antibody: CEACAM1/CD66a Recombinant antibody, PBS Only (Detector) 83524-4-PBS (240497G7). 100 μ g. 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.

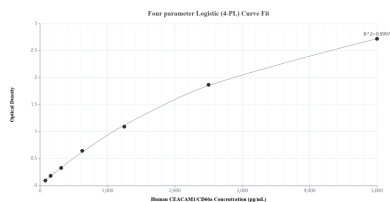
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

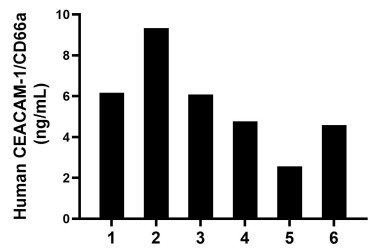
Storage

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

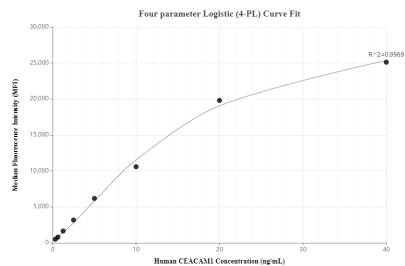
Selected Validation Data



Sandwich ELISA standard curve of MP00520-1, Human CEACAM-1/CD66a Recombinant Matched Antibody Pair - PBS only. 83524-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0314. 83524-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of six individual healthy human donors was measured. The CEACAM-1/CD66a concentration of detected samples was determined to be 6.6 ng/mL with a range of 2.6-9.3 ng/mL.



Cytometric bead array standard curve of MP00520-1, CEACAM-1/CD66a Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83524-1-PBS. Detection antibody: 83524-4-PBS. Standard: Eg0314. Range: 0.313-40 ng/mL