

For Research Use Only

# 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

**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 µg. Concentration 1 mg/mL.

Detection antibody: CEACAM1/CD66a Recombinant antibody, PBS Only (Detector) 83524-4-PBS (240497G7). 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.  
**Storage buffer:**  
PBS only

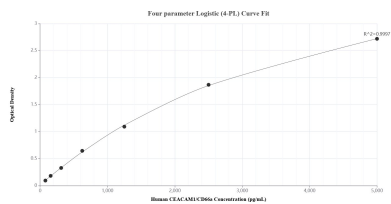
For technical support and original validation data for this product please contact:

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

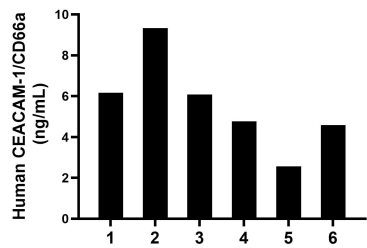
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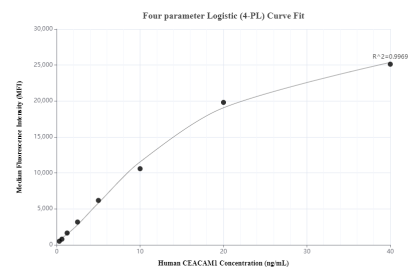
## Selected Validation Data



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