

For Research Use Only



# CEACAM8 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00293-4

## Capture Antibody Information

Catalog Number:  
83105-4-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
230353F4  
Reactivity:  
human

Conjugate:  
Unconjugated  
Full name:  
carcinoembryonic antigen-related  
cell adhesion molecule 8  
Gene ID:  
1088

## Detection Antibody Information

Catalog Number:  
83105-5-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
230353B8  
Reactivity:  
human  
GenBank:  
BC026263

Conjugate:  
Unconjugated  
Full name:  
carcinoembryonic antigen-related  
cell adhesion molecule 8  
Gene ID:  
1088

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
23.4-1500 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

MP00293-4 targets CEACAM8 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CEACAM8 Recombinant antibody, PBS Only (Capture) 83105-4-PBS (230353F4). 100 µg.  
Concentration 1 mg/mL.

Detection antibody: CEACAM8 Recombinant antibody, PBS Only (Detector) 83105-5-PBS (230353B8). 100 µg.  
Concentration 1 mg/mL.

Alternative CEACAM8 matched antibody pairs: MP00293-1, MP00293-2, MP00293-3, MP50039-1

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

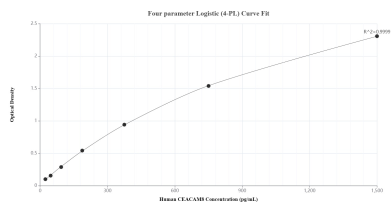
For technical support and original validation data for this product please contact:

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

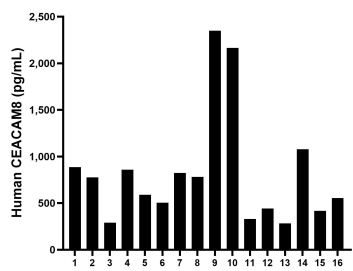
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

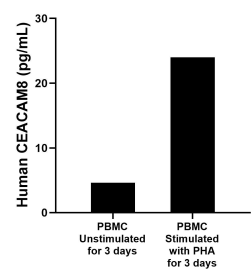
## Selected Validation Data



Sandwich ELISA standard curve of MP00293-4, Human CEACAM8 Recombinant Matched Antibody Pair - PBS only. 83105-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg32133. 83105-5-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL



Serum of sixteen individual healthy human donors was measured. The CEACAM8 concentration of detected samples was determined to be 820.7 pg/mL with a range of 282.8 - 2,350.0 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean CEACAM8 concentration was determined to be 4.6 pg/mL in unstimulated PBMC supernatant, 24.0 pg/mL in PHA stimulated PBMC supernatant.