

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
GenBank:
BC026263

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.

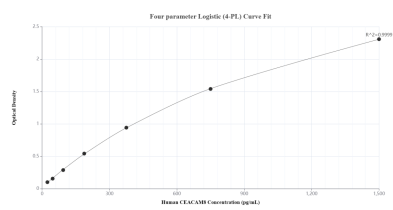
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

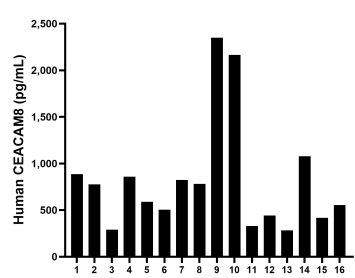
Storage

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

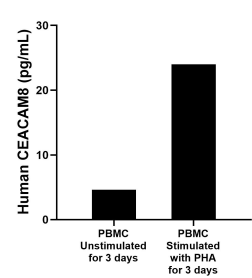
Selected Validation Data



Sandwich ELISA standard curve of 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 μ g/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.