

For Research Use Only

CEACAM8 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83105-4-PBS



Basic Information

Catalog Number:

83105-4-PBS

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG32133

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

P31997

Full Name:

Purification Method:

Protein A purification

CloneNo.:

230353F4

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Background Information

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, pH7.3

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

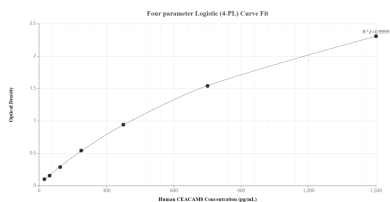
T: 4006900926

E: Proteintech-CN@ptglab.com

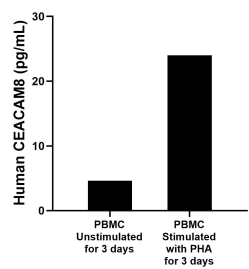
W: ptgcn.com

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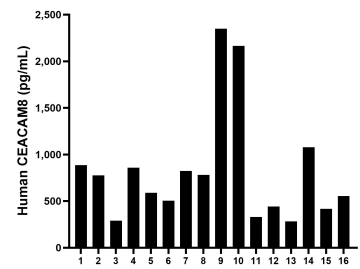
Selected Validation Data



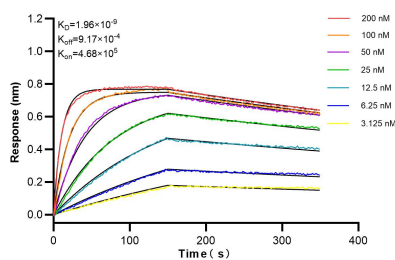
Sandwich ELISA standard curve of MP00293-4, Human CEACAM8 Recombinant Matched Antibody Pair - PBS only. 83105-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg32133. 83105-5-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL.



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.



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.



Bioluminescence resonance transfer (BLI) kinetic assays of 83105-4-PBS against Human CEACAM8 were performed. The affinity constant is 1.96 nM.