

For Research Use Only

# CEACAM3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 84170-3-PBS



## Basic Information

Catalog Number:

84170-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0144

GenBank Accession Number:

BC106728

GeneID (NCBI):

1084

UNIPROT ID:

P40198

Full Name:

carcinoembryonic antigen-related  
cell adhesion molecule 3

Calculated MW:

252 aa, 27 kDa

Purification Method:

Protein A purification

CloneNo.:

241254D12

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

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:

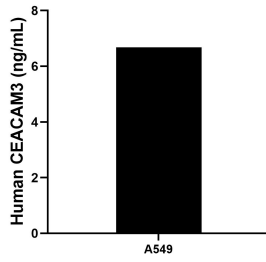
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

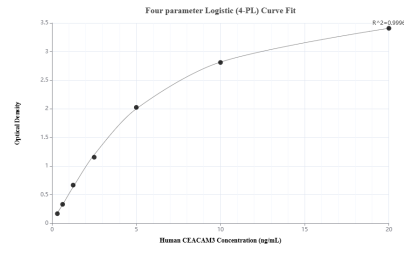
W: [ptgcn.com](http://ptgcn.com)

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

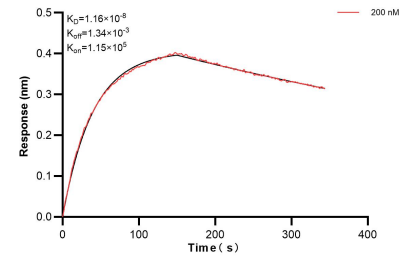
## Selected Validation Data



The mean CEACAM3 concentration was determined to be 6.86 ng/mL in A549 cell extract based on a 2.5 mg/mL extract load.



Sandwich ELISA standard curve of MP01104-4, Human CEACAM3 Recombinant Matched Antibody Pair - PBS only. 84170-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0144. 84170-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 84170-3-PBS against Human CEACAM3 was performed. The affinity constant is 11.6 nM.