

For Research Use Only

# CD99 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84580-3-PBS



## Basic Information

Catalog Number:

84580-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC021620

GeneID (NCBI):

4267

UNIPROT ID:

P14209

Full Name:

CD99 molecule

Calculated MW:

19 kDa, 16 kDa, 17 kDa

Purification Method:

Protein A purification

CloneNo.:

241736A10

## 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

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

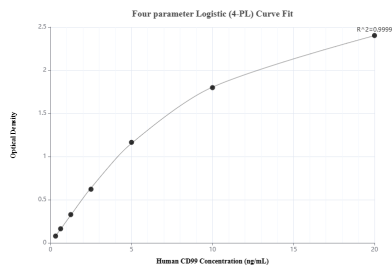
T: 4006900926

E: Proteintech-CN@ptglab.com

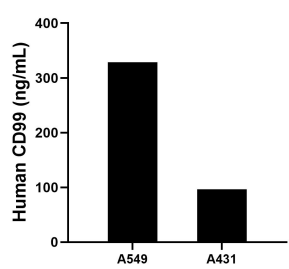
W: ptgcn.com

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

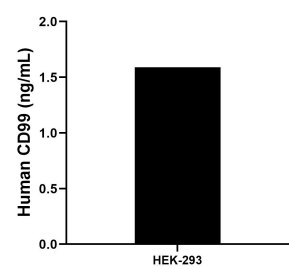
## Selected Validation Data



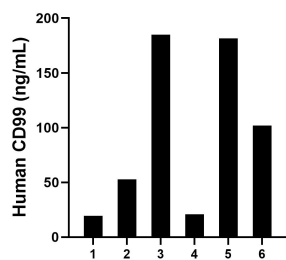
Sandwich ELISA standard curve of MP01403-3, Humam CD99 Recombinant Matched Antibody Pair - PBS only. 84580-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02321. 84580-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean CD99 concentration was determined to be 328.33 ng/mL in A549 cell extract based on a 2.5 mg/mL extract load and 96.35 ng/mL in A431 cell extract based on a 1.3 mg/mL extract load.



HEK-293 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human CD99, and measured 1.59 ng/mL.



Urine of six individual healthy human donors was measured. The human CD99 concentration of detected samples was determined to be 93.60 ng/mL with a range of 19.59 - 184.77 ng/mL.