

For Research Use Only

CD4 Recombinant antibody, PBS Only (Capture/Detector)



Catalog Number: 83513-4-PBS

Basic Information

Catalog Number:

83513-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC025782

GeneID (NCBI):

920

ENSEMBL Gene ID:

ENSG00000010610

UNIPROT ID:

P01730

Full Name:

CD4 molecule

Calculated MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

240427B7

Applications

Tested Applications:

Cytometric bead array, 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:

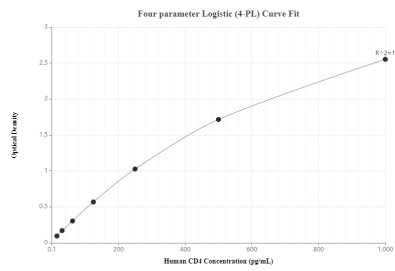
T: 4006900926

E: Proteintech-CN@ptglab.com

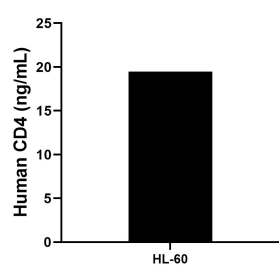
W: ptgcn.com

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

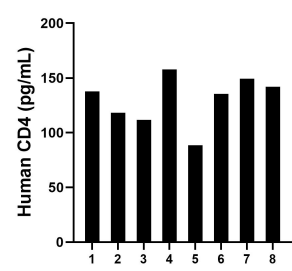
Selected Validation Data



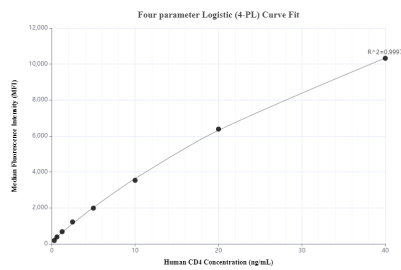
Sandwich ELISA standard curve of MP00503-2, CD4 Recombinant Matched Antibody Pair - PBS only. 83513-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0333.83513-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



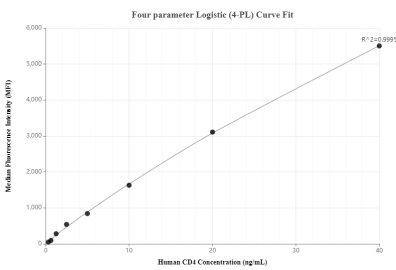
The mean CD4 concentration was determined to be 14.49 ng/mL in HL-60 cell extract based on a 5.6 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The CD4 concentration of detected samples was determined to be 130 pg/mL with a range of 88.46 - 157.66 pg/mL.



Cytometric bead array standard curve of MP00503-2, CD4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83513-3-PBS. Detection antibody: 83513-4-PBS. Standard: Eg0333. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00503-3, CD4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83513-4-PBS. Detection antibody: 83513-2-PBS. Standard: Eg0333. Range: 0.313-40 ng/mL