

For Research Use Only

CD48 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84186-4-PBS



Basic Information

Catalog Number:

84186-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1005

GenBank Accession Number:

BC016182

GeneID (NCBI):

962

UNIPROT ID:

P09326

Full Name:

CD48 molecule

Calculated MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

241389F8

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, pH7.3

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

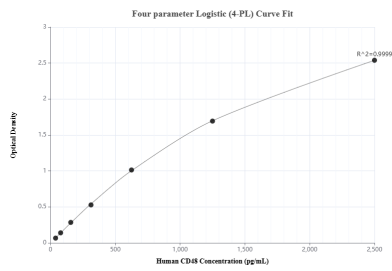
T: 4006900926

E: Proteintech-CN@ptglab.com

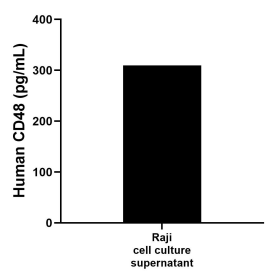
W: ptgcn.com

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

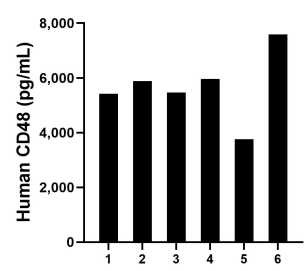
Selected Validation Data



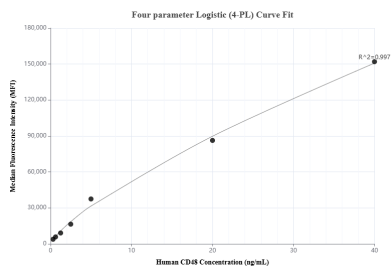
Sandwich ELISA standard curve of MP01093-2, Human CD48 Recombinant Matched Antibody Pair - PBS only. 84186-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1005. 84186-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



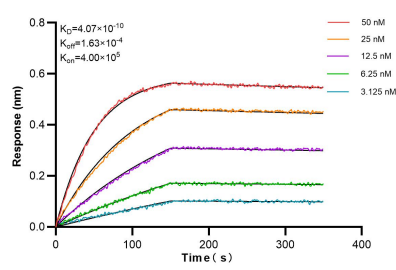
Raji cells (5×10^6 cells/mL) were cultured in RPMI supplemented with 10% fetal bovine serum, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human CD48, and measured 309.5 pg/mL.



Serum of six individual healthy human donors was measured. The human CD48 concentration of detected samples was determined to be 5,680.6 pg/mL with a range of 3,761.2 - 7,588.7 pg/mL.



Cytometric bead array standard curve of MP01093-2, CD48 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84186-4-PBS. Detection antibody: 84186-3-PBS. Standard: Eg1005. Range: 0.313-40 ng/mL



Biolayer interferometry (BLI) kinetic assays of 84186-4-PBS against Human CD48 were performed. The affinity constant is 0.407 nM.