

For Research Use Only

IL18BP Recombinant antibody, PBS Only (Capture)

Catalog Number: 83692-2-PBS



Basic Information

Catalog Number:

83692-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC044215

GeneID (NCBI):

10068

UNIPROT ID:

O95998

Full Name:

interleukin 18 binding protein

Calculated MW:

194 aa, 21 kDa

Purification Method:

Protein A purification

CloneNo.:

240711G11

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:

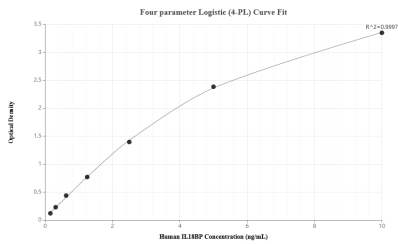
T: 4006900926

E: Proteintech-CN@ptglab.com

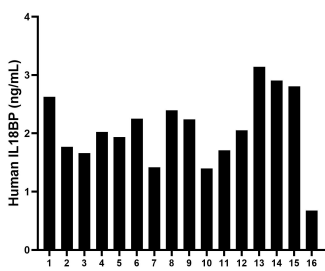
W: ptgcn.com

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

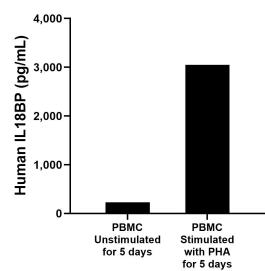
Selected Validation Data



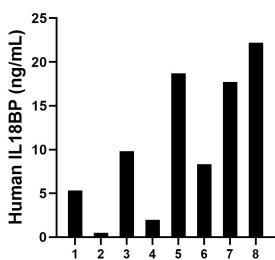
Sandwich ELISA standard curve of MP00670-4, Human IL18BP Recombinant Matched Antibody Pair - PBS only. 83692-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1147. 83692-5-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



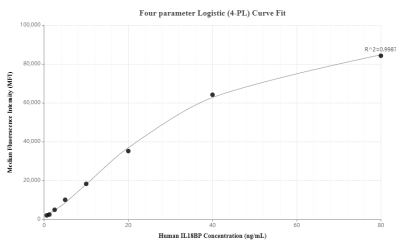
Serum of sixteen individual healthy human donors was measured. The human IL18BP concentration of detected samples was determined to be 2.06 ng/mL with a range of 0.68 - 3.14 ng/mL



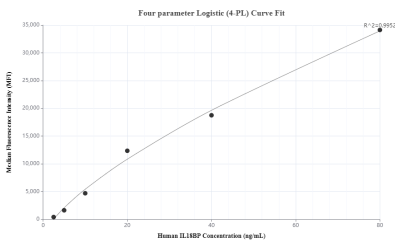
Human peripheral blood mononuclear cells (PBMC) (1×10^6 cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 5 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. Cells were cultured unstimulated or stimulated with 10 μ g/mL PHA for 5 days. Aliquots of the cell culture supernates were removed and assayed for levels of human IL18BP.



Urine of eight individual healthy human donors was measured. The human IL18BP concentration of detected samples was determined to be 10.57 ng/mL with a range of 0.49 - 22.19 ng/mL



Cytometric bead array standard curve of MP00670-1, IL18BP Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83692-2-PBS. Detection antibody: 83692-4-PBS. Standard: Eg1147. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP00670-3, IL18BP Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83692-2-PBS. Detection antibody: 83692-1-PBS. Standard: Eg1147. Range: 2.5-80 ng/mL