

For Research Use Only

Thrombopoietin Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68672-1-PBS



Basic Information

Catalog Number:

68672-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

HZ-1248

GenBank Accession Number:

GeneID (NCBI):

7066

Full Name:

thrombopoietin

Purification Method:

Protein A purification

CloneNo.:

1B7D1

Affinity:

$K_D = 2.84 \times 10^{-9}$

$K_{off} = 3.32 \times 10^{-4}$

$K_{on} = 1.17 \times 10^5$

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, pH7.3

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

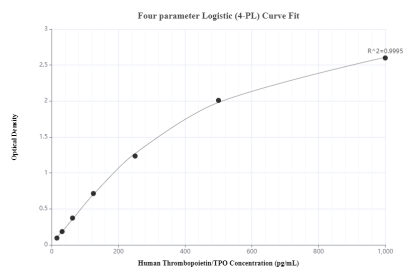
T: 4006900926

E: Proteintech-CN@ptglab.com

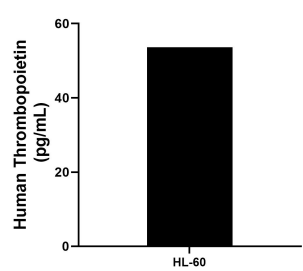
W: ptgcn.com

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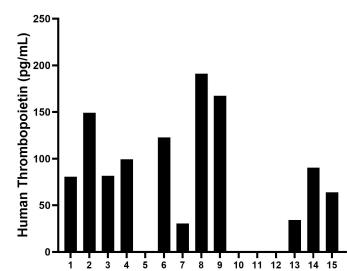
Selected Validation Data



Sandwich ELISA standard curve of MP50053-1, THPO Monoclonal Matched Antibody Pair, PBS Only. 68672-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1248. 68672-2-PBS was HRP conjugated as detection antibody. Range: 15.6-1000 pg/mL



HL-60 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 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 Thrombopoietin, and measured 53.6 pg/mL



Serum of sixteen individual healthy human donors was measured. The human Thrombopoietin concentration of detected samples was determined to be 100.9 pg/mL with a range of ND - 191.1 pg/mL