

For Research Use Only



Thrombopoietin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02082-4

Capture Antibody Information

Catalog Number:
85767-9-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252811F4
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1248

Conjugate:
Unconjugated
Full name:
thrombopoietin
Gene ID:
7066

Detection Antibody Information

Catalog Number:
85767-8-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252811B4
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1248

Conjugate:
Unconjugated
Full name:
thrombopoietin
Gene ID:
7066

Applications

Tested Applications:
Sandwich ELISA

Range:
7.81-500 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02082-4 targets Thrombopoietin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: Thrombopoietin Recombinant monoclonal antibody, PBS Only (Capture) 85767-9-PBS (252811F4). 100 µg. Concentration 1 mg/mL.
Detection antibody: Thrombopoietin Recombinant monoclonal antibody, PBS Only (Detector) 85767-8-PBS (252811B4). 100 µg. Concentration 1 mg/mL.
Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.
Antibody use should be optimized for each application and assay.

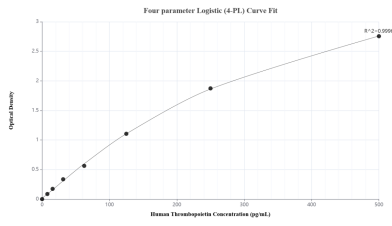
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

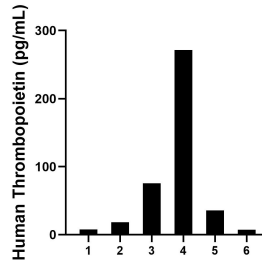
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

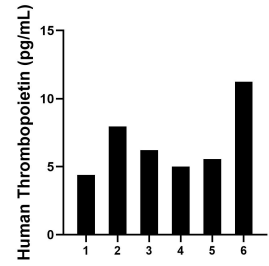
Selected Validation Data



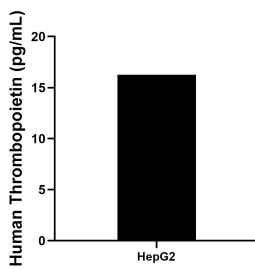
Sandwich ELISA standard curve of MP02082-4, Human Thrombopoietin Recombinant Matched Antibody Pair - PBS only. 85767-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1248. 85767-8-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL



Serum of six individual healthy human donors was measured. The Thrombopoietin concentration of detected samples was determined to be 69.4 pg/mL with a range of 7.4-271.5 pg/mL.



Plasma of six individual healthy human donors was measured. The Thrombopoietin concentration of detected samples was determined to be 6.7 pg/mL with a range of 4.4-11.2 pg/mL.



HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human Thrombopoietin, and measured 16.3 pg/mL.