

Thrombopoietin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02082-3**

Capture Antibody Information

Catalog Number:
85767-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250028A9
Reactivity:
human
GenBank:
NM_000460.3
Immunogen Catalog Number:
Eg2941

Conjugate:
Unconjugated
Full name:
thrombopoietin
Gene ID:
7066

Detection Antibody Information

Catalog Number:
85767-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250028A8
Reactivity:
human
GenBank:
NM_000460.3
Immunogen Catalog Number:
Eg2941

Conjugate:
Unconjugated
Full name:
thrombopoietin
Gene ID:
7066

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 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

MP02082-3 targets Thrombopoietin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: THPO Recombinant antibody, PBS Only (Capture) 85767-2-PBS (250028A9). 100 µg. Concentration 1 mg/mL.

Detection antibody: THPO Recombinant antibody, PBS Only (Detector) 85767-6-PBS (250028A8). 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.

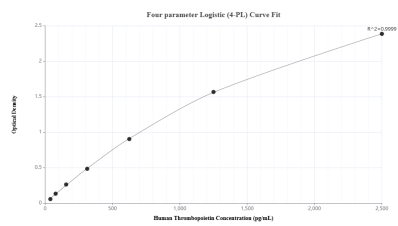
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

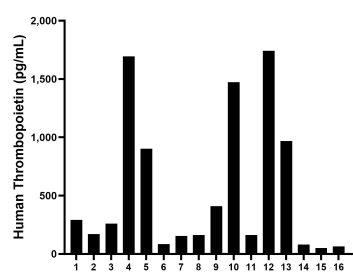
Storage

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

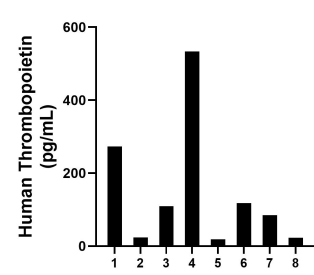
Selected Validation Data



Sandwich ELISA standard curve of MP02082-3, Human Thrombopoietin Recombinant Matched Antibody Pair - PBS only. 85767-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2941. 85767-6-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of sixteen individual healthy human donors was measured. The human Thrombopoietin concentration of detected samples was determined to be 542.1 pg/mL with a range of 50.3-1,742.9 pg/mL



Plasma of eight individual healthy human donors was measured. The human Thrombopoietin concentration of detected samples was determined to be 148.1 pg/mL with a range of 18.7-533.8 pg/mL