

For Research Use Only

# THPO Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50053-1

## Capture Antibody Information

Catalog Number:  
68672-1-PBS

Host:  
Mouse

Isotype:  
IgG2b

Purification Method:  
Protein A purification

Clone ID:  
1B7D1

Reactivity:  
Human

Immunogen Catalog Number:  
HZ-1248

Conjugate:  
Unconjugated

Full name:  
thrombopoietin

Gene ID:  
7066

Affinity:  
 $K_D = 2.84 \times 10^{-9}M$   
 $K_{Off} = 3.32 \times 10^{-4}M$   
 $K_{On} = 1.17 \times 10^5M$

## Detection Antibody Information

Catalog Number:  
68672-2-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
1A8G2

Reactivity:  
Human

GenBank:  
Immunogen Catalog Number:  
HZ-1248

Conjugate:  
Unconjugated

Full name:  
thrombopoietin

Gene ID:  
7066

Affinity:  
 $K_D = 1.85 \times 10^{-9}M$   
 $K_{Off} = 3.08 \times 10^{-4}M$   
 $K_{On} = 1.67 \times 10^5M$

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
15.6-1000 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

MP50053-1 targets THPO in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Thrombopoietin Monoclonal antibody, PBS Only (Capture) 68672-1-PBS (1B7D1). 100 µg. Concentration 1 mg/ml.

Detection antibody: Thrombopoietin Monoclonal antibody, PBS Only (Detector) 68672-2-PBS (1A8G2). 100 µg. Concentration 1 mg/ml.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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.  
Storage buffer:  
PBS only

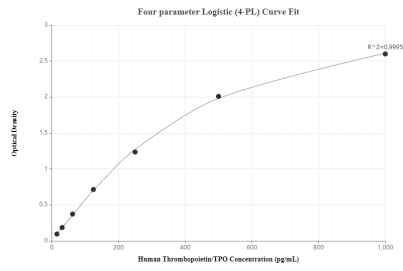
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.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 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