

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
GenBank:
Immunogen Catalog Number:
HZ-1248

Conjugate:
Unconjugated
Full name:
thrombopoietin
Gene ID:
7066
Affinity:
 $K_D = 2.84 \times 10^{-9}$
 $K_{off} = 3.32 \times 10^{-4}$
 $K_{on} = 1.17 \times 10^5$

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:
 $K_D = 1.85 \times 10^{-9}$
 $K_{off} = 3.08 \times 10^{-4}$
 $K_{on} = 1.67 \times 10^5$

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 μ g. Concentration 1 mg/mL.

Detection antibody: Thrombopoietin Monoclonal antibody, PBS Only (Detector) 68672-2-PBS (1A8G2). 100 μ g. 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:

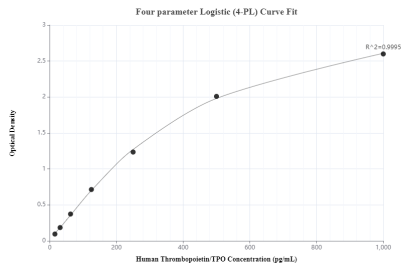
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Selected Validation Data



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