

Product datasheet for **PP1074P2**

Thrombopoietin (THPO) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hTPO (5.00 ng/ml), a concentration of 4.2-6.3 µg/ml of this antibody is required. ELISA: (Indirect): To detect hTPO using 100 µl/well antibody solution. A concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hTPO. (Sandwich): To detect hTPO using 100 µl/well antibody solution, a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human TPO (PP1074B) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hTPO. Western Blot: To detect hTPO by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hTPO is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly purified recombinant human TPO.
Specificity:	This antibody reacts with Thrombopoietin (TPO).
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity chromatography.
Conjugation:	Unconjugated



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Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	thrombopoietin
Database Link:	Entrez Gene 7066 Human P40225
Synonyms:	THPO, MGDF, C-mpl ligand
Note:	Centrifuge vial prior to opening!