

PRODUCT INFORMATION SUMMARY

ANTI-TPO (Polyclonal Goat)

PRODUCT NUMBER	RHF570	Purified	0.1 mg
	RHF570B	Biotin conjugate	50.0 ug

*Antigen-Affinity Purified

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Goat polyclonal antibodies specific for Human TPO (Thrombopoietin). Developed using highly purified recombinant TPO as immunogen. Further purified by **Antigen-Affinity** chromatography to produce high titre, highly specific preparation.

Source: **GOAT serum**, purified using antigen-affinity chromatography to produce highly specific, high titre preparation.

Characterization:

ELISA : Antibody concentration of 0.5 ug/mL (100 uL/well) was used to detect 0.4 ng/well recombinant human TPO. For **Biotin conjugate** use at 0.2 - 0.30 ug/mL (optimize).

Neutralization: Antibody concentration of 0.08 ug/mL was used to achieve one-half maximal inhibition of 5.0 ng/mL human TPO.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL was used to detect 3.0 ng/lane recombinant TPO under both reducing and non-reducing conditions.

HANDLING AND STORAGE:

Reagent supplied as lyophilized. **Store frozen at -20 deg. C.** Purified antibody should be diluted with 100 uL sterile water. For **Biotin conjugate, reconstitute in 1.0 mL sterile water containing 0.1% BSA.** Further dilutions should be made in a protein-containing buffer or other stabilizing medium (BSA or gelatin/PBS) to a concentration suitable for use in specific protocols. All reagents in a liquid state should be frozen in small aliquots, for long-term storage. Antibody is stable for approximately one month after reconstitution, without preservative, in liquid state. Avoid repeat freeze-thaw. Reagent is provided preservative-free.

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