

PRODUCT INFORMATION SUMMARY

Anti-Human TPO (Thrombopoietin) (Polyclonal Rabbit)

Purified Polyclonal Antibody	Product Number	RHF636 100.0 ug
Biotin Conjugate	Product Number	RHF636B 50.0 ug

SPECIFICITY:

Rabbit polyclonal antibodies to human TPO (Thrombopoietin), produced from highly purified recombinant human TPO immunogen. Antiserum further purified by **Antigen-Affinity** chromatography, to produce highly specific, high titre preparation.

SOURCE: Rabbit antiserum.

RESEARCH APPLICATIONS:

Identification of human TPO in body fluids and tissue sections.

ELISA: Antibody concentration of approx. 1.0 ug/mL (100 uL/well) was used to detect 0.4 ng/well human TPO. Customer must optimize.

For **Biotin conjugate** use at concentration of 0.2 - 0.5 ug/mL to achieve detection of 0.2 ng/well recombinant human TPO.

NEUTRALIZING ACTIVITY: Antibody concentration of approx. 0.10 ug/mL achieved half-maximal inhibition of 52.0 ng/mL human TPO.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL was used to detect 2.0 ng/lane recombinant human TPO under both reducing or non-reducing conditions.

HANDLING AND STORAGE:

Purified polyclonal antibody provided sterile-filtered and lyophilized in PBS. Reconstitute with 100 uL sterile water.

(For **Biotin conjugate**, reconstitute with 500 uL sterile water containing 0.1% BSA).

These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Contains no preservatives. Small aliquots may be frozen at -20° C for long-term storage. All reagents in a liquid state should be stored at 2-8° C when not in use, and are stable for approximately one month without addition of preservative.

Avoid repeat freeze-thaw cycles.

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