

## PRODUCT INFORMATION SUMMARY

### Anti-Human TNF Alpha (Polyclonal Rabbit)

Purified Polyclonal Antibody	Product Number	RHF550	0.1 mg
Biotin Conjugate	Product Number	RHF550B	50 ug

#### SPECIFICITY:

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

**SOURCE:** **Rabbit** antiserum, antigen-affinity purified.

#### RESEARCH APPLICATIONS:

Identification of human TNF Alpha in body fluids and tissue sections.

**ELISA:** Antibody concentration of 0.5 ug/mL (100 uL/well) was used to detect 0.4 ng/well human TNF Alpha. Customer must optimize.

For **Biotin conjugate** use at concentration of 0.25 ug/mL - 0.3 ug/mL to achieve detection of 0.2 ng/well recombinant human TNF Alpha. (Optimize all concentrations)

**NEUTRALIZING ACTIVITY:** Antibody concentration of 0.1 ug/mL achieved one-half maximal inhibition of 0.5 ng/mL human TNF Alpha.

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane recombinant human TNF Alpha 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 are stable for approximately one month without addition of preservative. Avoid repeat freeze-thaw cycles.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

**RESEARCH USE ONLY. NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**