

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

ANTI-Rat TNF Alpha (Polyclonal Rabbit)

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|----------------|---------|----------|-------|
| PRODUCT NUMBER | RRF425 | Purified | 100ug |
| | RRF425B | Biotin | 50ug |

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Rabbit polyclonal antibodies specific for RAT TNF Alpha. Developed using highly purified recombinant Rat TNF Alpha as immunogen. Further purified by **antigen-affinity chromatography** to produce highly specific, high titre preparation.

Source: *Purified by antigen-affinity chromatography from rabbit serum, sterile-filtered, additive-free.

Characterization:

ELISA: Antibody concentration of 0.5 ug/mL (using 100 uL/well) detected 0.4 ng/well recombinant rat TNF Alpha.

NEUTRALIZATION: One half-maximal inhibition of 2.0 ng/mL of Rat TNF Alpha was achieved using 0.16 ug/mL of antibody.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL was used to detect 3.0 ng/lane Rat TNF Alpha under both reducing or non-reducing conditions.

HANDLING AND STORAGE:

Reagent supplied as lyophilized, additive-free **Store frozen at -20 deg. C.** Purified antibody should be diluted with 100 uL sterile water. Further dilutions should be made in a protein-containing or other stabilizing medium PBS pH 7.4 (with 1% BSA or 0.2% gelatin) to a concentration suitable for use in specific protocols. All reagents in a liquid state should be re-frozen in small aliquots, or add preservative (ie. 0.1 % sodium azide or similar) to store liquid at 2-8° C when not in use. Reagent is stable in liquid state (4 degrees C.) for up to one month after reconstitution (without preservative). Avoid repeat freeze-thaw.

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