

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

ANTI-Mouse TNF Alpha (Polyclonal Goat)

PRODUCT NUMBER	RMF326	Antigen Affinity Purif.*	0.1 mg
PRODUCT NUMBER	RMF326B	Biotin Conjugate	50 ug

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Goat polyclonal antibodies specific for Mouse TNF Alpha. Developed using highly purified recombinant Mouse TNF Alpha as immunogen. **Source: Goat serum, * Antigen-Affinity Purified-** provides superior specificity, potency, higher titre for all applications.

Characterization:

ELISA : Antibody concentration of 0.5 ug/mL (100 uL/well) was used to detect 0.2 ng/well recombinant Mouse TNF Alpha. **For Biotin conjugate, use at 0.20 - 0.30 ug/mL (100 uL/well).** Optimize all concentrations.

NEUTRALIZATION: Antibody concentration of 0.08 ug/mL achieved one-half maximal inhibition of 0.25 ng/mL mouse TNF Alpha.

Western Blot: Use antigen-affinity purified antibody at 0.2 ug/mL to detect 3.0 ng/lane of mouse TNF Alpha under reducing or non-reducing conditions.

Immunohistology: Observed to react in formalin-fixed, paraffin-embedded mouse tissue; Use of Citrate Buffer Epitope Retrieval Method; 1:50 dilution using Biotin conjugate (RMF326B), and Streptavidin-HRP @ 1:500.

HANDLING AND STORAGE:

Reagent supplied as sterile-filtered, lyophilized. **Store frozen at -20 deg. C.** Purified antibody should be reconstituted with 100 uL sterile water. **For Biotin conjugate, reconstitute with 1.0 mL sterile PBS 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. For long-term storage, store aliquots FROZEN at -20° C. Avoid freeze-thaw cycles. Antibody should be stable for up to 4 weeks without preservative, stored at 4 degrees C. Reagent is provided preservative-free.

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