

PRODUCT INFORMATION SUMMARY

Anti-Human-TGF Alpha

Purified Antibody	Product Number	RHF530	0.1 mg
Biotin Conjugate	Product Number	RHF530B	50.0 ug

SPECIFICITY:

Rabbit polyclonal antibody specific for Human TGF Alpha. These polyclonal antibodies were raised against highly purified recombinant TGF Alpha immunogen.

SOURCE: **Rabbit** antiserum, Purified by Antigen-Affinity Chromatography, to produce highly specific, high titre preparation.

RESEARCH APPLICATIONS:

Development of quantitative immunoassays ; Western Blot;
Identification of human TGF Alpha in tissue sections, body fluids.

NEUTRALIZING ACTIVITY: Antibody concentration of 3.0 ug/mL was used to neutralize 0.5 ng/mL to one-half maximal inhibition.

ELISA: Antibody concentration of 1.5 ug/mL (100 uL per well) was used to detect 0.2 ng/well recombinant TGF Alpha. For **Biotin conjugate**, use at 0.2 - 0.3 ug/mL (optimize all concentrations).

WESTERN BLOT: Antibody concentration of 0.2 ug/mL used to detect 1.5 ng /lane of recombinant TGF Alpha under both reducing and non-reducing conditions.

HANDLING AND STORAGE:

Lyophilized, purified antibody upon reconstitution with 0.5 ml of distilled (or sterile) water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. **For Biotin conjugate, reconstitute in 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. Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, reagents should be stored frozen at -20° C, in small aliquots, at high concentration. AVOID repeat freeze-thaw.

RESEARCH USE ONLY NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.