

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

ANTI-Rat IL-1 Alpha (Polyclonal Goat)

PRODUCT NUMBER	RRF100	Purified Antibody	0.1 mg
	RRF100-B	Biotin Conjugate	50 ug

* Antigen-Affinity Purified

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Goat polyclonal antibodies specific for RAT Interleukin -1 Alpha. Developed using highly purified recombinant Rat IL-1 Alpha as immunogen. Further purified by antigen-affinity chromatography to produce high titre, highly specific preparation.

Source: GOAT Serum

Characterization:

ELISA: Antibody concentration of 0.5 ug/mL (100 uL per well) was used to detect 0.4 ng/well recombinant rat IL -1 Alpha. **Biotin conjugate: use @ 0.3 ug/mL (optimize)**

NEUTRALIZATION: Antibody concentration of 17.0 ng/mL is required to yield one-half maximal inhibition of 50.0 pg/mL Rat IL-1 Alpha.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane of recombinant Rat IL-1 Alpha **under both** reducing and non-reducing conditions.

HANDLING AND STORAGE:

Reagent supplied as lyophilized and additive-free. **Store frozen at -20 deg. C.** Purified antibody should be diluted with 100 uL sterile water. **BIOTIN Conjugate -reconstitute with sterile PBS containing 0.1% BSA.** **Further** dilutions should be made in a protein-containing or other stabilizing medium (BSA or gelatin) to a concentration suitable for use in specific protocols. All reagents in a liquid state should be frozen in small aliquots, for long-term storage. Antibody is stable in liquid state for approximately one month without addition of preservative.

Reagent is provided preservative-free.

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