

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

**ANTI-Mouse IL-1 Beta (Polyclonal Rabbit)**

PRODUCT NUMBER	RMF120	Purified	0.1 mg
PRODUCT NUMBER	RMF120B	Biotin	50.0 ug

Antigen-Affinity Purified

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Rabbit polyclonal antibodies specific for Mouse IL-1 Beta.

Developed using highly purified recombinant Mouse IL-1 Beta as immunogen. Further purified by antigen-affinity chromatography to produce highly specific, high titre preparation.

**Source:** Rabbit serum, Purified by Antigen-Affinity chromatography. Lyophilized, no additives.

**Characterization:**

ELISA: Antibody concentration 0.5 ug/mL ( 100 uL/well) was used to detect 0.2 ng/well recombinant Mouse IL-1 Beta. **For BIOTIN conjugate use at 0.2 - 0.3 ug/mL.** Optimize all concentrations.

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

**NEUTRALIZATION:** Antibody concentration of 0.15 ug/mL achieved one-half maximal inhibition of 50 pg/mL mouse IL-1 Beta.

**HANDLING AND STORAGE:**

Reagent supplied as lyophilized. **Store frozen at -20 deg. C.** Purified antibody should be reconstituted with 100 uL sterile water. **For Biotin conjugate, reconstitute with 1.0 uL 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. All reagents in a liquid state should be re-frozen in small aliquots. Antibody is stable for approximately one month, in liquid state at 4 Deg. C., without addition of preservative. For long-term storage, **store aliquots frozen @ -20°C.** Avoid repeat freeze-thaw.

Reagent is provided preservative-free.

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