

## 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.**