

## Product datasheet for **AM26747PU-N**

### II1b Mouse Monoclonal Antibody [Clone ID: 1400.24]

#### Product data:

|                        |   |
|------------------------|---|
| Product Type:          | Primary Antibodies  |
| Clone Name:            | 1400.24   |
| Applications:          | ELISA   |
| Recommended Dilution:  | ELISA: 1/4700 on IL-1beta coated plate.   |
| Reactivity:            | Mouse   |
| Host:                  | Mouse   |
| Isotype:               | IgG1  |
| Clonality:             | Monoclonal  |
| Immunogen:             | Recombinant murine IL-1 $\beta$ coupled to KLH. Fusion partner: Balb/c-PAI.   |
| Specificity:           | This antibody detects Interleukin murine 1 $\beta$ . It neutralizes murine interleukin 1 $\beta$ activity as tested in an experimental arthritis model. Interleukin-1 $\beta$ (IL-1 $\beta$ ) is a 15-17kD polypeptide with approximately 26% sequence homology to interleukin-1 $\alpha$ . An in vitro assay with mouse T-cell line D10S showed half-maximal inhibition of proliferation at an antibody concentration of 50ng/ml when cultivated at a constant IL-1 $\beta$ concentration of 100pg/ml. |
| Formulation:           | Phosphate buffered saline pH 7.2 (PBS), without preservative or stabilizer<br>State: Purified<br>State: Lyophilized affinity purified Ig fraction   |
| Reconstitution Method: | Reconstitute by adding 0.5 ml distilled water. This stock solution contains 1 mg/ml IgG.  |
| Conjugation:           | Unconjugated  |
| Storage:               | Store lyophilized at 2-8°C for 6 month or at -20°C long term.<br>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.<br>Avoid repeated freezing and thawing.  |
| Stability:             | Shelf life: one year from despatch.   |
| Gene Name:             | interleukin 1 beta  |
| Database Link:         | <a href="#">Entrez Gene 16176 Mouse P10749</a>  |
| Synonyms:              | IL-1 beta, IL1B, IL1 beta, IL1F2, Catabolin   |



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