



## Antibody Specification Sheet

### Anti-Human Interleukin 1 Beta (hIL-1 $\beta$ ) - Purified

---



Catalog reference: AS57-P

Size: 0.5 mg

#### Antibody Information:

**Antigen:** human recombinant interleukin 1 beta (hIL-1 $\beta$ ).

**Ig Class:** mIgG2b.

**Form:** purified.

**Specificity:** Recognizes human IL-1 $\beta$  and baboon IL-1 $\beta$ . Does not recognize mouse IL-1 $\beta$ , human IL-1 $\alpha$ , or a panel of other human cytokines.

**Antibody Source:** monoclonal antibody from BALB/c-derived hybridomas.

**Production:** *in vitro* cell culture.

**Purification:** Protein A agarose chromatography.

**Purity:**  $\geq 95\%$ .

**Formulation:** provided as a 0.2  $\mu$ m sterile-filtered solution in Ca<sup>++</sup> & Mg<sup>++</sup> free

Dulbecco's PBS with 0.05% sodium azide.

**Concentration:** 1 mg/ml.

**Recommendations:** ELISA (see AS57-B).

**Storage conditions:** store undiluted at 4 °C or in aliquots at  $\leq -20$  °C.

#### Applications:

**Elisa:** The biotinylated form of this antibody (see AS57-B) has been used as a solution phase antibody at 2  $\mu$ g/ml in a two site ELISA with AS56-P. Typically the ELISA has a working range of 14-10000 pg/ml and a sensitivity of <5 pg/ml

with the appropriate standard. Recommended sample volumes are 25-200  $\mu$ l. Recovery of hIL-1 $\beta$  in human serum is typically > 85% in the ELISA.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

### Antibody Solutions

1206 Charleston Road, Mountain View, Ca 94043, USA

Tel: 650-938-4300, FAX: 650-938-4390

E-mail: [solns@antibody.com](mailto:solns@antibody.com)