



Antibody Specification Sheet

Anti-Human Interleukin 1 Beta (hIL-1 β) - Biotin



Catalog reference: AS57-B

Size: 0.2 mg

Antibody Information:

Antigen: human recombinant interleukin 1 beta (hIL-1 β).

Ig Class: mIgG2b.

Form: biotin conjugated.

Specificity: Recognizes human IL-1 β and baboon IL-1 β . Does not recognize mouse IL-1 β , human IL-1 α , 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 μ m sterile-filtered solution

in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.05% sodium azide.

Concentration: 1 mg/ml.

Recommendations: ELISA.

Storage conditions: store undiluted at 4 °C or in aliquots at ≤ -20 °C.

Applications:

Elisa: This antibody has been used as a solution phase antibody at 2 μ 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 μ l. Recovery of hIL-1 β in human serum is typically > 85% in the ELISA.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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