



Antibody Specification Sheet

Anti-Human Interleukin 1 Alpha (hIL-1 α) - Purified



Catalog reference: AS6-P

Size: 0.5 mg

Antibody Information:

Antigen: human recombinant interleukin 1 alpha (hIL-1 α).

Ig Class: mlgG1.

Form: purified.

Specificity: recognizes human IL-1 α . Does not recognize mouse IL-1 α human IL-1 β 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 phosphate-buffered saline with preservative.

Concentration: 1 mg/ml.

Recommendations:

ELISA (see AS6-B).

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

Applications:

Elisa: The biotinylated form of this antibody (see AS6-B) has been used as a solution phase antibody at 2 μ g/ml in a two site ELISA with AS8-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 α in human serum is typically >85% in the ELISA.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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