



Antibody Specification Sheet

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



Catalog reference: AS8-P

Size: 0.5 mg

Antibody Information:

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

Ig Class: mIgG1.

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 μm sterile-filtered solution

in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's phosphate-buffered saline 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 can be used as a coating antibody at 10-15 $\mu\text{g/ml}$ in a two site ELISA with AS6-B. 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 μl . 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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