



## Antibody Specification Sheet

### Anti-Human Interleukin 1 Alpha (hIL-1 $\alpha$ ) - Fluorescein



Catalog reference: AS5-F

Size: 100 tests

#### Antibody Information:

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

**Ig Class:** mIgG1.

**Form:** fluorescein isothiocyanate (FITC) conjugated.

**Specificity:** recognizes human IL-1 $\alpha$ . Does not recognize mouse IL-1 $\alpha$

human IL-1 $\beta$  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  $\mu\text{m}$  sterile-filtered solution in Ca<sup>++</sup> & Mg<sup>++</sup> free Dulbecco's PBS with 1% BSA plus 0.05% sodium azide.

**Concentration:** 0.025 mg/ml.

**Recommendations:** Flow Cytometry.

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

#### Applications:

**Flow Cytometry:** This antibody has been used at 10  $\mu\text{l}$  per test ( $10^5$ - $10^6$  cells) to stain

intracellular human IL-1 $\alpha$  expressed in monocytes and macrophages.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

### Antibody Solutions

1130 Mountain View Alviso Road, Sunnyvale, CA 94089, USA

Tel: +1-650-938-4300, FAX: +1-408-734-0400

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