



## 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:** mlgG1.

**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  $\mu$ 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  $\mu$ 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

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