



Antibody Specification Sheet

Anti-Human Tumor Necrosis Factor alpha (hTNF α) - Fluorescein



Catalog reference: AS1-F

Size: 100 tests

Antibody Information:

Antigen: human recombinant tumor necrosis factor alpha (hTNF α).

Ig Class: mIgG1.

Form: fluorescein isothiocyanate (FITC) conjugated.

Specificity: recognizes human TNF α . This antibody also binds baboon TNF α . Does not recognize human TNF β , mouse TNF 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 1% BSA and 0.05% sodium azide.

Concentration: 0.025 mg/ml for 100 test vial.

Recommendations: Flow Cytometry.

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

Applications:

Flow Cytometry: This antibody has been used at 10 μ l per test (10^5 - 10^6 cells) to stain

intracellular human TNF α expressed in Brefeldin A-treated monocytes, macrophages and T cells.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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