



Antibody Specification Sheet

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



Catalog reference: AS1-B

Size: 0.2 mg

Antibody Information:

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

Ig Class: mIgG1.

Form: biotin conjugated.

Specificity: recognizes human TNF α . This antibody also binds baboon TNF α . Doesn't 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 filtered solution in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.05% Proclin.

Concentration: 1 mg/ml.

Recommendations: ELISA.

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

Applications:

Elisa: This antibody has been used as a solution phase antibody at 0.5- 2 μ g/ml in a two site ELISA with AS3-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 human TNF α in human serum is typically >85% in the ELISA.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Antibody Solutions

1206 Charleston Road, Mountain View, CA 94043

Tel: 650-938-4300, FAX: 650-938-4390

E-mail: solns@antibody.com