



Antibody Specification Sheet

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



Catalog reference: AS1-P

Size: 0.5 mg

Antibody Information:

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

Ig Class: mIgG1.

Form: purified.

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 μm sterile-filtered solution in Ca⁺⁺ & Mg⁺⁺ free

Dulbecco's PBS with 0.05% sodium azide.

Concentration: 1 mg/ml.

Recommendations: Western Blot, Immunohisto-chemistry, ELISA (see AS1-B), and Flow Cytometry (see AS1-F).

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

Applications:

Western Blot: This antibody has been used at a range from 1 to 5 $\mu\text{g/ml}$ to visualize human TNF α in Western Blots.

Immunohistochemistry: This antibody has been used at 1-10 $\mu\text{g/ml}$ to stain humanTNF α

expressed in mononuclear cells, following fixation with 4% paraform in PBS for 10 minutes at 4°C, plus 0.1% saponin 20 minutes at RT.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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