



Antibody Specification Sheet

Anti-Human Interleukin 6 (hIL-6)- Purified



Catalog reference: AS16-P

Size: 0.5 mg

Antibody Information:

Antigen: human recombinant interleukin 6 (hIL-6).

Ig Class: mIgG1.

Form: purified.

Specificity: recognizes human IL-6. Does not recognize mouse IL-6 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: ≥95%.

Formulation: provided as a 0.2µm sterile-filtered solution

in Ca⁺⁺& Mg⁺⁺ free Dulbecco's PBS.

Concentration: 1 mg/ml.

Recommendations: Neutralization, Immunoprecipitation, Immunohistochemistry, and ELISA (see AS16-B).

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

Applications:

Neutralization: This antibody has been used at a 200-fold excess to neutralize more than 95% human IL-6.

Immunoprecipitation: This antibody has been used under appropriate conditions to immunoprecipitate > 90% hIL-6 in solution using a double-antibody method. (Midgley, AR and Hepburn, MR, *Methods Enzymol.*, 70, 266, 1980).

Immunohistochemistry: This antibody has been used at 1-10 µ/ml to stain hIL-6 expressed in mononuclear cells and liver tissue, following fixation with 4% paraformaldehyde 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

Antibody Solutions

1206 Charleston Road, Mountain View, CA 94043, USA

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

E-mail: solns@antibody.com