



Antibody Specification Sheet

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



Catalog reference: AS16-B

Size: 0.2 mg

Antibody Information:

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

Ig Class: mIgG1.

Form: biotin conjugated.

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 with 0.05% sodium azide.

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 2 µg/ml in a two-site ELISA with AS12-P. Typically, the ELISA has a working range of 15-10000 pg/ml and a

sensitivity < 5 pg/ml with the appropriate standard. Recommended sample volumes are 25-200 µl. Recovery of IL-6 added to human plasma 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, USA

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

E-mail: solns@antibody.com