



Antibody Specification Sheet

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



Catalog reference: AS12-P

Size: 0.5 mg

Antibody Information:

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

Ig Class: mIgG1.

Form: purified.

Specificity: recognizes human and baboon 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 0.2 µm sterile-filtered solution

in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.05% sodium azide.

Concentration: 1 mg/ml.

Recommendations: ELISA and Flow Cytometry (see AS12-F).

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

Applications:

Elisa: This antibody has been used as a coating antibody at 5-15 µg/ml in a two site ELISA with AS16-B. 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 25-500µl. Recovery of human IL-6 in added to human serum is typically >85% in the ELISA.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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