



Antibody Specification Sheet

Anti-Human Nerve Growth Factor (hNGF) - Purified



Catalog reference: AS18-P

Size: 0.5 mg

Antibody Information:

Antigen: human recombinant nerve growth factor (hNGF).

Ig Class: mIgG1.

Form: purified.

Specificity: recognizes human, bovine, viper and mouse 2.5S, 7S & β NGF. The epitope has been localized to the C-terminus of hNGF.

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 sterile-filtered solution

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

Concentration: 1 mg/ml.

Recommendations: Immunoprecipitation and ELISA (see AS18-B).

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

Applications:

Immunoprecipitation: This antibody has been used to immunoprecipitate > 90% hNGF in solution using a double-antibody method.

(Midgley, AR and Hepburn, MR, *Methods Enzymol.*, 70, 266, 1980).

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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