



Antibody Specification Sheet

Anti-Human Nerve Growth Factor (hNGF) - Purified



Catalog reference: AS20-P

Size: 0.5 mg

Antibody Information:

Antigen: human recombinant nerve growth factor (hNGF).

Ig Class: mIgG1.

Form: purified.

Specificity: recognizes human and mouse 2.5S, 7S & β NGF. The epitope has been localized to aa 46-62 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.

Concentration: 1 mg/ml.

Recommendations: Neutralization.

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

Applications:

Neutralization: This antibody has been used to neutralize > 90% human NGF bioactivity on PC12 cells at a 200-fold molar excess.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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