



## Antibody Specification Sheet

### Anti-Human Nerve Growth Factor (hNGF) - Purified

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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 &  $\beta$ 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  $\mu$ m sterile-filtered solution

in  $\text{Ca}^{++}$  &  $\text{Mg}^{++}$  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  $\leq -20$  °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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