

## Product datasheet

# Anti-NGF antibody [AS21] ab16161

### 1 References

#### 製品の概要

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製品名	Anti-NGF antibody [AS21]
製品の詳細	Mouse monoclonal [AS21] to NGF
由来種	Mouse
特異性	Recognises 2.5S, 7S and bNGF.
アプリケーション	<b>適用あり:</b> Sandwich ELISA, ELISA, Neutralising
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Recombinant full length protein (Human).
エピトープ	Amino acids 46-62 of mature human NGF.

#### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.08% Sodium Azide Constituents: PBS
精製度	Protein G purified
特記事項(精製)	Antibody Purity > 95 % by SDS PAGE
ポリモノ	モノクローナル
クローン名	AS21
アイソタイプ	IgG1

#### アプリケーション

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Our [Abpromise guarantee](#) covers the use of **ab16161** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Sandwich ELISA		Use at an assay dependent dilution.
ELISA		Use a concentration of 10 µg/ml. Can be paired for ELISA with <a href="#">Mouse monoclonal [AS18] to NGF (Biotin) (ab16160)</a> . (For coating in a two site ELISA with biotin conjugated NGF antibody for mouse NGF). Two site ELISA.
Neutralising		Use at an assay dependent dilution. This antibody has been used to neutralize > 90% human NGF bioactivity on PC12 cells at a 200 fold molar excess.

## ターゲット情報

機能	Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival. Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI (PubMed:20164177).
関連疾患	Neuropathy, hereditary sensory and autonomic, 5
配列類似性	Belongs to the NGF-beta family.
細胞内局在	Secreted.

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