

Datasheet: OBT2009

Description:	RABBIT ANTI NERVE GROWTH FACTOR 2.5S
Specificity:	NERVE GROWTH FACTOR 2.5S
Other names:	NGF BETA
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			
ELISA	▪			
Functional Assays	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Species Cross Reactivity	<p>Reacts with: Human</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Serum - lyophilised
Reconstitution	1ml sterile distilled water
Preservative Stabilisers	None present
Immunogen	Affinity purified mouse NGF 2.5S.

**External Database
Links**

UniProt:

[P01139](#) [Related reagents](#)

Entrez Gene:

[18049](#) Ngf [Related reagents](#)

Synonyms

Ngfb

RRID

AB_618668

Specificity

Rabbit anti Nerve Growth Factor 2.5S antibody recognises murine Beta-nerve growth factor, also known as Nerve growth factor or NGF. Rabbit anti Nerve Growth Factor 2.5S antibody recognizes both the 2.5S and 7S forms of mouse nerve growth factor beta, a secreted peptide involved in the development and maintenance of the sympathetic and sensory nervous systems.

In a standard bioassay, this antibody neutralises the activity of 3.0 ng/ml NGF 2.5S when used at a concentration of around 0.5 µg/ml.

References

1. Ye, Y. *et al.* (2011) Nerve Growth Factor Links Oral Cancer Progression, Pain, and Cachexia [Mol Cancer Ther. 10: 1667-76.](#)

Storage

Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of reconstitution.

**Health And Safety
Information**

Material Safety Datasheet documentation #10194 available at:
10194: <https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

**North & South
America** Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

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