

# NEUROMICS

## GDNF - Biotinylated Data Sheet

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<b>Catalog Number:</b>	GT15007B	<b>Host:</b>	Goat
<b>Product Type:</b>	BIOTINYLATED Affinity Purified Goat IgG	<b>Species Reactivity:</b>	Rat, Human, monkey
<b>Immunogen Sequence:</b>	Recombinant human glial cell-derived neurotrophic factor	<b>Format:</b>	Liquid 1mg/ml
<b>Applications:</b>	<b>Immunohistochemistry:</b> 5-20 µg/mL <b>Western Blot:</b> 0.1 – 0.2 µg/mL		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

**Storage:** Antibodies are stable for six months from date of receipt when stored at -20° C to -70° C. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Upon receipt, antibody should be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer. *Avoid repeated freeze-thaw cycles.*

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### Application Notes

**Immunohistochemistry:** Antiserum was used on fixed-frozen tissue and paraffin embedded tissue.

This antibody can be used with appropriate secondary reagents to detect rat and human GDNF. Staining may be done on tissues dissected from animals that were fixed by vascular perfusion with 4% paraformaldehyde/PBS (pH 7.4)<sup>1</sup> and followed by perfusion with a 10% sucrose solution in 0.1 M phosphate buffer (pH 7.2). This antibody was found to work equally well on sections of frozen as well as paraffin-embedded tissues. A working dilution of 5 - 20 mg/mL of the primary antibody is recommended for 5 - 15 mm thick tissue sections fixed on slides. For freefloating sections, primary antibodies should be diluted to 1 - 2 mg/mL to reduce background staining. Detection of labeling on cells and tissues may be done by employing either fluorescent<sup>2</sup> or nonfluorescent enzymatic protocols.

### FOR RESEARCH USE ONLY

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