



BMA BIOMEDICALS



Peninsula Laboratories

## T-4852

### Rabbit anti Neuromedin B

Neuromedin B is a bombesin-related peptide formed by 10 amino acids and highly conserved across mammalian species. It acts by binding to its high affinity cell surface receptor, neuromedin B receptor, and upon binding several intracellular signaling pathways are triggered. Neuromedin B regulates the several functions such as exocrine and endocrine secretions, cell growth, body temperature, blood pressure and glucose level.

This antibody was generated by immunization of rabbits with Neuromedin B coupled to a carrier protein.

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### TECHNICAL AND ANALYTICAL CHARACTERISTICS

**Lot number:** A02615

**Host species:** Rabbit IgG

**Quantity:** 400µg

**Format:** Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen.

Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.

**Stability:** Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.

**Applications:** This antibody has been tested and validated in ELISA against Neuromedin B. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.

Please see [www.bma.ch](http://www.bma.ch) for protocols and general information.

**Immunogen:** Synthetic peptide H-Gly-Asn-Leu-Trp-Ala-Thr-Gly-His-Phe-Met-NH<sub>2</sub> coupled to carrier protein.

**Cross-Reactivity:**

Peptide:	%:
Neuromedin B	100%
Neuromedin U-23 (rat)	0%
Neurokinin B	0%
Neurokinin A	0%
Neuromedin U-25 (human)	0%
Neurotensin	0%

\* Crossreactivity taken from Enzyme immunoassay application.

**Related Products:**

- T-4779: anti Neuromedin U-23, neat antiserum
- T-4778: anti Neuromedin U-23, purified IgG
- T-4765: anti Neuromedin U-25, diluted antiserum
- T-4767: anti Neuromedin U-25, neat antiserum
- T-4813: anti Neuromedin S, purified IgG (hu)
- T-4814: anti Neuromedin S, purified IgG (rt)

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This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG

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