

## Anti-NRTN Antibody Picoband® PE Conjugated

Catalog Number: A05924-3-PE

### About NRTN

Neurturin (NRTN) is a protein that is encoded in humans by the NRTN gene. This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein signals through the RET receptor tyrosine kinase and a GPI-linked coreceptor, and promotes survival of neuronal populations. A neurturin mutation has been described in a family with Hirschsprung Disease.

### Overview

Product Name	Anti-NRTN Antibody Picoband® PE Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Uniprot ID	Q99748

### Technical Details

Immunogen	E.coli-derived human Neurturin/NRTN recombinant protein (Position: M1-V197). Human Neurturin/NRTN shares 86.3% amino acid (aa) sequence identity with mouse Neurturin/NRTN.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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