

## Anti-NTN3 Antibody Picoband® Cy3 Conjugated

Catalog Number: A17692-Cy3

### About NTN3

Netrins are a family of highly conserved proteins responsible for axon guidance and cell movement throughout neural development. Netrins can be divided into secreted netrins (netrin 1,3,4 and 5) and membrane-tethered glycoposphatidylinositol (GPI)-linked netrins (netrin G1 and G2). Secreted netrins carry their function via interaction with several receptors that include the deleted in colorectal (DCC) family, and the uncoordinated-5 (UNC5-A through UNC5-D) family. Netrin-3 was discovered in 1997 using sequence homology searching of netrin-2. Similarly to other netrins, Netrin-3 plays an important role in the development of the nervous system. Netrin-3 structure consist of a laminin-like domain located on the N-terminal, three epidermal growth factors like repeats (EGF), and a C-terminal netrin-like domain (NTR). Mutations in NTN3, the gene encoding netrin-3 was found to be associated with the development of several carcinomas.

### Overview

Product Name	Anti-NTN3 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IF, IHC, ICC, 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% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O00634

### Technical Details

Immunogen	E.coli-derived human NTN3 recombinant protein (Position: R51-R473).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-NTN3 Antibody - Cy3

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