

## Anti-GNB1 Antibody Picoband® (monoclonal, 11F9) Biotin Conjugated

Catalog Number: M04650-Biotin

### About GNB1

Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 is a protein that in humans is encoded by the GNB1 gene. Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. This gene uses alternative polyadenylation signals.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-GNB1 Antibody Picoband® (monoclonal, 11F9) Biotin Conjugated  |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | WB, IHC, ELISA   |
| Clonality            | Monoclonal 11F9  |
| 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.                             |
| Host                 | Mouse  |
| Uniprot ID           | P62873   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthetic peptide corresponding to a sequence at the N-terminus of human GNB1, identical to the related mouse and rat sequences.  |
| Cross Reactivity    | No cross-reactivity with other proteins.  |
| Isotype             | Mouse IgG2b   |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Biotin  |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users.<br>Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.<br>ELISA, Optimal dilutions should be determined by end users. |

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