

## Anti-NEUROD1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A01038-2-Fluoro647

### About NEUROD1

This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus.

### Overview

Product Name	Anti-NEUROD1 Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Rat
Application	Flow Cytometry
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.
Host	Rabbit
Uniprot ID	Q13562

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human NEUROD1. Human NEUROD1 shares 90.9% amino acid (aa) sequence identity with both mouse and rat NEUROD1.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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### Anti-NEUROD1 Antibody - Fluoro647

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