

## Anti-HNF1 beta/HNF1B Antibody Picoband® APC Conjugated

Catalog Number: PA2267-APC

### About HNF1B

HNF1 homeobox B (hepatocyte nuclear factor 1 homeobox B), also known as HNF1B or transcription factor 2 (TCF2), is a human gene. It is a member of the homeodomain-containing superfamily of transcription factors. This gene is mapped to 17q12. The HNF1B protein is believed to form heterodimers with another liver-specific member of this transcription factor family, TCF1. HNF1B functions as both a classic transcriptional activator and as a bookmarking factor that marks target genes for rapid transcriptional reactivation after mitosis. HNF1B also can regulate renal tubulogenesis by controlling expression of SOC3. Mutation of HNF1B that disrupts normal function has been identified as the cause of MODY5 (Maturity-Onset of Diabetes, Type 5).

### Overview

Product Name	Anti-HNF1 beta/HNF1B Antibody Picoband® APC Conjugated
Reactive Species	Human, Mouse, 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	P35680

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HNF1 beta, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

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