

## Anti-Hydroxysteroid (17-beta) Dehydrogenase 4/HSD17B4 Antibody Picoband® APC Conjugated

Catalog Number: PA1727-APC

### About HSD17B4

Peroxisomal multifunctional enzyme type 2 is a protein that in humans is encoded by the HSD17B4 gene. The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this gene that affect the peroxisomal fatty acid beta-oxidation activity are a cause of D-bifunctional protein deficiency (DBPD). An apparent pseudogene of this gene is present on chromosome 8. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Hydroxysteroid (17-beta) Dehydrogenase 4/HSD17B4 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% 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           | F5HE57   |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | A synthetic peptide corresponding to a sequence at the C-terminus of Hydroxysteroid(17-beta) Dehydrogenase 4, identical to the related rat and mouse 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<br>Excitation Wavelength: 633-647 nm<br>Emission Wavelength: 660 nm   |

Suggested Dilutions

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

## 1 Publications Citing This Product

1. PubMed ID: 30453308, Correlation between HSD17B4 expression in rat liver cancer tissues and inflammation or proliferation.

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