

## Anti-Hydroxysteroid (17-beta) Dehydrogenase 4/HSD17B4 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PA1727-Fluoro550

### 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® Fluoro550 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, 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% 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	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	Fluoro550 Excitation Wavelength: 562 nm

	Emission Wavelength: 576 nm
Suggested Dilutions	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.

Visit [bosterbio.com/anti-hydroxysteroid-17-beta-dehydrogenase-4-antibody-pa1727-boster.html](https://bosterbio.com/anti-hydroxysteroid-17-beta-dehydrogenase-4-antibody-pa1727-boster.html) to see all 1 publications.

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