

## Anti-ABCB11 Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9414-Cy3

### About ABCB11

Bile Salt Export Pump (BSEP) is a protein which in humans is encoded by the ABCB 11 gene. It is a member of the superfamily of ATP-binding cassette (ABC) transporters, also known as ABCB11. It is mapped to chromosome 2q24. The BSEP protein is mainly expressed in the liver. ABCB11 is a gene associated with progressive familial intrahepatic cholestasis type 2 (PFIC2) which caused by mutations in the ABCB11 gene will increase the risk of hepatocellular carcinoma in early life.

### Overview

Product Name	Anti-ABCB11 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IF, 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	O95342

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ABCB11, different from the related mouse and rat sequences by three amino acids.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

## 2 Publications Citing This Product

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1. PubMed ID: 10.1016/j.bbadis.2020.165994, The zonula occludens protein family regulates the hepatic barrier system in the murine liver
2. PubMed ID: 10.1016/j.bbailip.2021.159006, Hypercholesterolemia risk associated Abca6 does not regulate lipoprotein metabolism in mice or hamster

Visit [bosterbio.com/anti-abcb11-picoband-trade-antibody-pb9414-boster.html](https://bosterbio.com/anti-abcb11-picoband-trade-antibody-pb9414-boster.html) to see all 2 publications.

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