

## Anti-ABCB6 Antibody Picoband® Cy3 Conjugated

Catalog Number: PA1723-Cy3

### About ABCB6

ABCB6, ATP-binding cassette sub-family B member 6, mitochondrial is a protein that in humans is encoded by the ABCB6 gene. The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This half-transporter likely plays a role in mitochondrial function. Localized to 2q26, this gene is considered a candidate gene for lethal neonatal metabolic syndrome, a disorder of mitochondrial function.

### Overview

Product Name	Anti-ABCB6 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (IHC, ICC, 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	Q9NP58

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ABCB6.
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.

## 1 Publications Citing This Product

1. PubMed ID: 10.3390/cells10102549, New Insights into the Pivotal Role of Iron/Heme Metabolism in TLR4/NF-kappaB Signaling-Mediated Inflammatory Responses in Human Monocytes

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