

## ABCB4 Antibody (F49438)

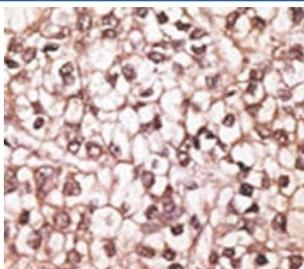
Catalog No.	Formulation	Size
F49438-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49438-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P21439
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This ABCB4 antibody is available for research use only.

250  
130  
95  
72  
55

ABCB4-S639 western blot analysis in mouse heart tissue lysate



IHC analysis of FFPE human hepatocarcinoma tissue stained with the ABCB4 antibody

## Description

The membrane-associated protein encoded ABCB4 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 gene encodes a full transporter and member of the p-glycoprotein family of membrane proteins with phosphatidylcholine as its substrate. The function of this protein has not yet been determined; however, it may involve transport of phospholipids from liver hepatocytes into bile. Alternative splicing of this gene results in several products of undetermined function.

## Application Notes

Titration of the ABCB4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 624-654 from the human protein was used as the immunogen for this ABCB4 antibody.

## Storage

Aliquot the ABCB4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.