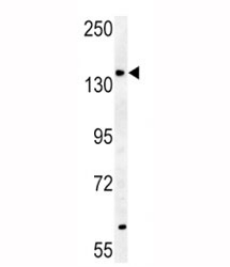
ABCB4 Antibody (F49438)

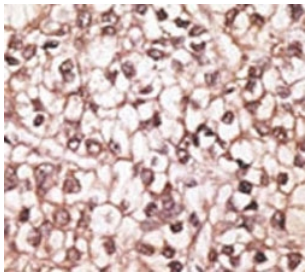
Catalog No.	Formulation	Size
F49438-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49438-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

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



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.

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