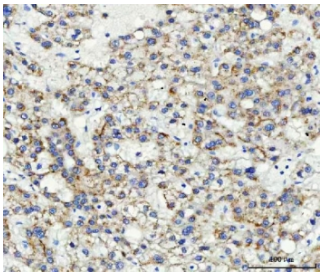
ABCB4 Antibody / MDR3 (R31688)

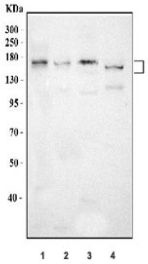
Catalog No.	Formulation	Size
R31688	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

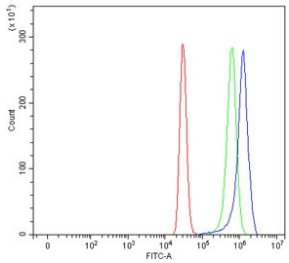
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P21439
Localization	Cell membrane, cytoplasm
Applications	Immunohistochemistry (FFPE): 2-5ug/ml FACS: 1-3ug/million cells Western blot: 0.5-1ug/ml
Limitations	This ABCB4 antibody is available for research use only.



IHC staining of FFPE human liver cancer with ABCB4 antibody. HIER: boil tissue sections in pH8 EDTA buffer for 20 min and allow to cool before testing.



Western blot testing of 1) human HepG2, 2) rat liver, 3) rat RH35 and 4) mouse liver tissue lysate with ABCB4 antibody. Predicted molecular weight: 135-142 kDa (multiple isoforms).



Flow cytometry testing of human HepG2 cells with ABCB4 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=ABCB4 antibody.

Description

Adenosine triphosphate-binding cassette subfamily B, member 4, also called MDR3, is a protein that in humans is encoded by the ABCB4 gene. The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABCB4 mutations represent a genetic factor involved in this peculiar form of cholesterol gallstone disease in adults.

Application Notes

Variations in secondary/substrate sensitivities and test protocols may require the ABCB4 antibody to be titrated for optimal performance.

Immunogen

Human partial recombinant protein (AA 601-720) was used as the immunogen for this ABCB4 antibody.

Storage

The lyophilized ABCB4 antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freeze/thaws.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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