ARG10598
anti-ABCB11 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ABCB11
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ABCB11
Species	Human
Immunogen	aa. KYGDNTKEIPMERVIAAAKQAQLHD of Human ABCB11.
Conjugation	Un-conjugated
Alternate Names	SPGP; ABC16; BRIC2; PGY4; Bile salt export pump; PFIC2; PFIC-2; ATP-binding cassette sub-family B member 11; BSEP

Application Instructions

Application table

Application	Dilution
FACS	1 - 3 µg/10^6 cells
ICC/IF	
IHC-P	0.5 - 2 µg/ml
WB	0.1 - 0.5 µg/ml

Application Note: IHC-P: Antigen Retrieval: Boil the tissue sections in 10 mM Citrate buffer (pH 6.0) for 20 min and allow to cool prior to staining.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

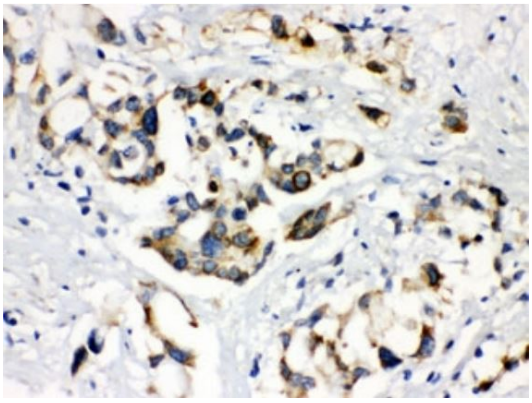
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

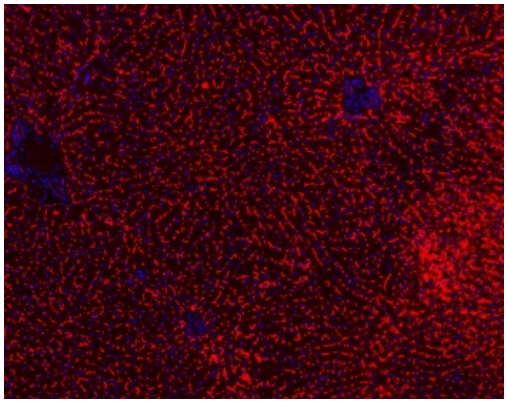
Gene Symbol	ABCB11
Gene Full Name	ATP-binding cassette, sub-family B (MDR/TAP), member 11
Background	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular 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. The protein encoded by this gene is the major canalicular bile salt export pump in man. Mutations in this gene cause a form of progressive familial intrahepatic cholestases which are a group of inherited disorders with severe cholestatic liver disease from early infancy. [provided by RefSeq, Jul 2008]
Function	Involved in the ATP-dependent secretion of bile salts into the canaliculus of hepatocytes. [UniProt]
Calculated Mw	146 kDa

Images



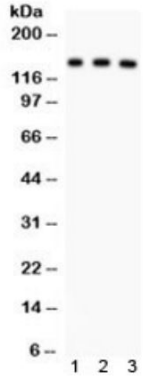
ARG10598 anti-ABCB11 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and Paraffin-embedded Human liver cancer stained with ARG10598 anti-ABCB11 antibody.



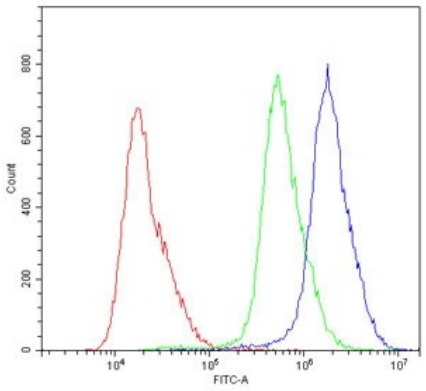
ARG10598 anti-ABCB11 antibody IHC image

Immunohistochemistry: Mouse liver tissue stained with ARG10598 anti-ABCB11 antibody (red). DAPI (blue) for nuclear staining.



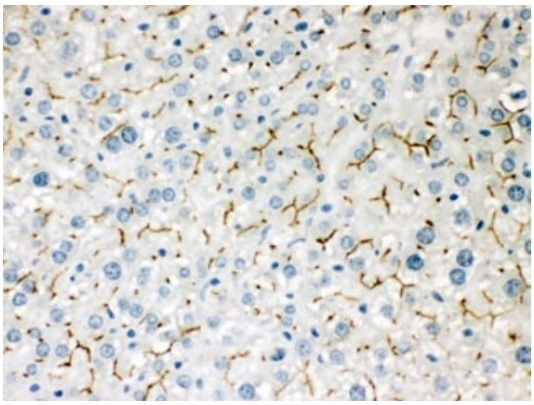
ARG10598 anti-ABCB11 antibody WB image

Western blot: 1) Rat liver, 2) Mouse liver and 3) Human SMMC lysate stained with ARG10598 anti-ABCB11 antibody.



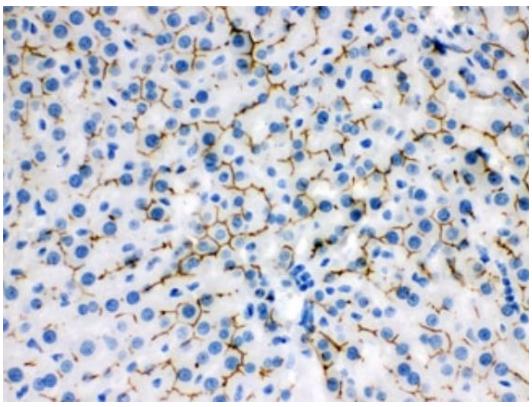
ARG10598 anti-ABCB11 antibody FACS image

Flow Cytometry: A431 cells were blocked with goat sera and stained with ARG10598 anti-ABCB11 antibody at 1 µg/10^6 cells (blue); Cells alone (red); Isotype control (green).



ARG10598 anti-ABCB11 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and Paraffin-embedded Mouse liver stained with ARG10598 anti-ABCB11 antibody.



ARG10598 anti-ABCB11 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and Paraffin-embedded Rat liver stained with ARG10598 anti-ABCB11 antibody.