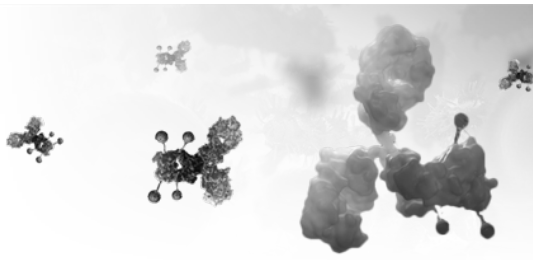

Mouse Anti-Human ABCB11 monoclonal antibody, clone G-7 (CABT-L1025)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ABCB11
Immunogen	This antibody raised against amino acids 1-180 of BSEP of human origin.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human
Clone	G-7
Conjugate	Unconjugated
Applications	WB, IP, IF, IHC-P, ELISA
Format	Liquid
Concentration	200 μg/ml
Size	200 μg
Buffer	PBS with 0.1% gelatin.
Preservative	0.1% Sodium Azide
Storage	Store at 4° C. DO NOT FREEZE! Stable for one year from the date of shipment. Non-hazardous.

BACKGROUND

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Introduction	ATP-binding cassette (ABC) transporters are an evolutionarily conserved family of proteins that catalyze the transport of molecules across extra- and intracellular membranes through the energy of ATP hydrolysis. ABC genes comprise seven subfamilies, designated ABC1, Mdr/TAP, MRP, ALD, OABP, GCN20 and White. The secretion of bile salt molecules from blood into bile is a major driving force for bile formation. Bile salt export pump (BSEP) is a member of the Mdr/TAP subfamily of ABC transporters that mediates the transport of bile acids across the hepatocyte canalicular membrane and regulates bile acid-dependent bile secretion. BSEP contains putative phosphorylation sites for protein kinase A, protein kinase C (PKC) and Ca2+-calmodulin dependent kinase II, whose regulation may be dependent on bile salt concentration.
Keywords	ABCB11;ATP-binding cassette, sub-family B (MDR/TAP), member 11;bile salt export pump;BSEP;PFIC2;progressive familial intrahepatic cholestasis 2;bile salt export pump;ABC member 16;MDR/TAP subfamily;ABC16

GENE INFORMATION

Entrez Gene ID	839353
UniProt ID	Q9Y2D9

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