

For Research Use Only

# CoraLite® Plus 488-conjugated BSEP Monoclonal antibody

Catalog Number: CL488-67512



## Basic Information

<b>Catalog Number:</b> CL488-67512	<b>GenBank Accession Number:</b> NM_003742	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8647	<b>CloneNo.:</b> 3C11D5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O95342	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> ATP-binding cassette, sub-family B (MDR/TAP), member 11	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG29135	<b>Calculated MW:</b> 146 kDa	
	<b>Observed MW:</b> 150-160 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> Human	

## Background Information

ABCB11, also named as BSEP, belongs to the ABC transporter superfamily. ABCB11 involved in the ATP-dependent secretion of bile salts into the canaliculus of hepatocytes. Mutation of ABCB11 will cause the progressive familial intrahepatic cholestasis type 2 (PFIC2) and the benign recurrent intrahepatic cholestasis type 2 (BRIC2). Genetic variations in ABCB11 may play a role in drug-induced cholestasis causing liver damage.

## Storage

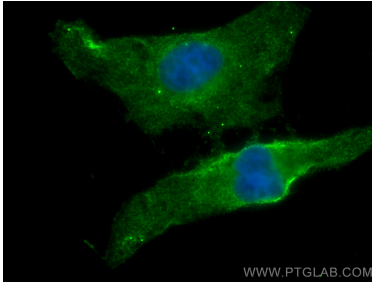
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 BSEP antibody (CL488-67512, Clone: 3C11D5 ) at dilution of 1:200. Blue (DAPI).