

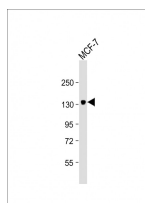
**bsm-51673M****[ Primary Antibody ]****BioSS**  
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**ABCB4 Mouse mAb****— DATASHEET —****Host:** Mouse**Isotype:** IgG1, k**Clonality:** Monoclonal**CloneNo.:** Y5T3**GeneID:** 5244**SWISS:** P21439**Target:** ABCB4**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**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 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. [provided by RefSeq, Jul 2008]**Applications:** WB (1:500-2000)**Reactivity:** Human**Predicted MW.:** 142 kDa**Subcellular Location:** Nucleus**— VALIDATION IMAGES —**

Sample: Lane 1: MCF-7 cell lysates Primary: Anti-ABCB4 (bsm-51673M) at 1/4000 dilution

Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 142 kD

Observed band size: 142 kD