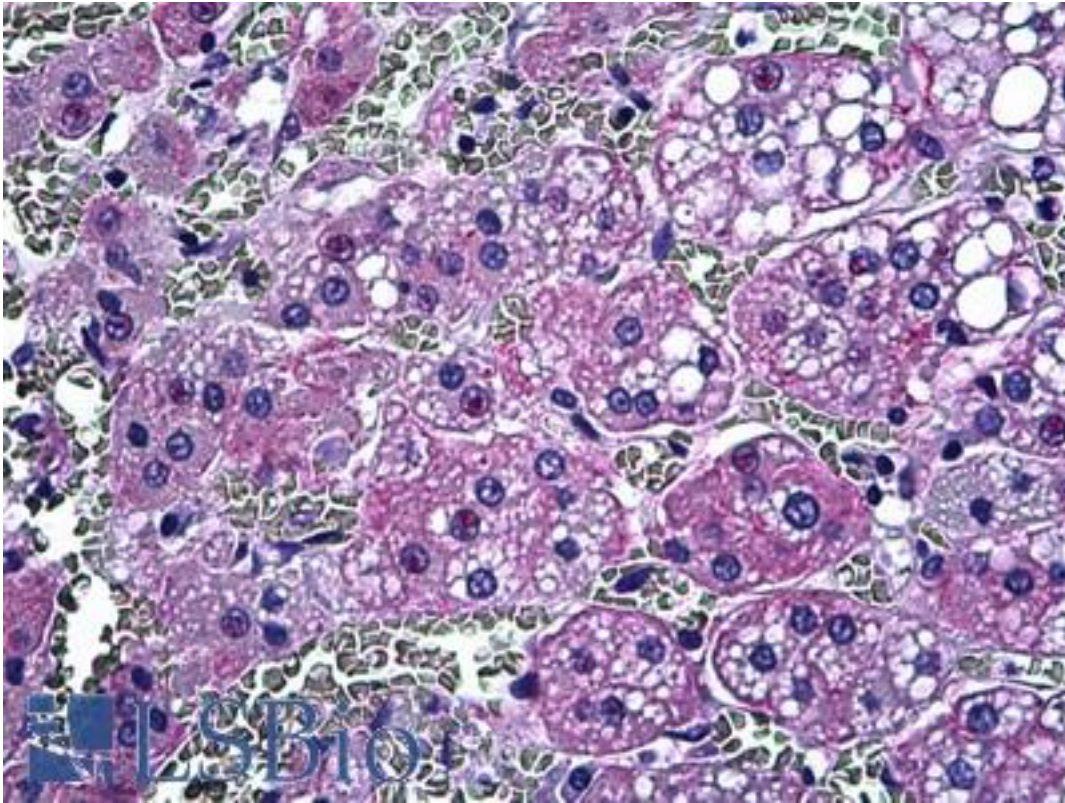


ABCB1 / MDR1 / P Glycoprotein Mouse anti-Human Monoclonal (JSB-1) Antibody - LS-B5570 - LSBio	
<b>CatalogID:</b>	LS-B5570
<b>Validation:</b>	This antibody replaces catalog number LS-C134880. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	ATP-binding cassette, sub-family B (MDR/TAP), member 1 (ABCB1)
<b>Synonyms:</b>	ABCB1 Antibody, ABC20 Antibody, Abcb1b Antibody, CLCS Antibody, Colchicin sensitivity Antibody, CD243 Antibody, Doxorubicin resistance Antibody, IBD13 Antibody, gp170 Antibody, MDR1 Antibody, Multidrug resistance protein 1 Antibody, P glycoprotein Antibody, P-glycoprotein 1 Antibody, P-GP Antibody, CD243 antigen Antibody, PGY1 Antibody
<b>Family / Subfamily:</b>	Transporter / ATP-binding cassette - ABCB/MDR
<b>Host</b>	ABCB1 antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1
<b>Clone Name:</b>	JSB-1
<b>Immunogen Species:</b>	ABCB1 / MDR1 / P Glycoprotein antibody was raised against Human
<b>Specificity:</b>	The antibody JSB-1 reacts with a conserved cytoplasmic epitope of the plasma membrane-associated 170-180 kD glycoprotein, the expression of which is strongly correlated with the degree of multi-drug-resistance (MDR) derived MDR cell lines and human MDR cell lines, including cell lines derived from lung, ovaries and B cell lymphomas. Cross-reacts with Chinese hamster. No cross-reactivity with mouse or rat.
<b>Reactivity:</b>	Human
<b>Purification:</b>	Tissue culture supernatant
<b>Presentation:</b>	Tissue culture supernatant, 1% BSA, 0.1% sodium azide
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
<b>Usage Summary:</b>	JSB-1 has potential value for diagnostic detection of MDR cells in human tumor samples. Working dilutions. Flow cytometry: at least 1:10. Western blotting: start optimizing working dilution a 1:10. Immunocytochemistry: acetone fixed cell preparation at least 1:20. Immunohistochemistry: acetone-fixed frozen sections at least 1:20, formalin-fixed paraffin embedded tissues 1:20. Instructions for use Optimal staining results are obtained with routine 2-step ABC or APAAP methods using acetone-fixed cytocentrifuge preparations or cryostat sections. In case the B-5 fixative is used (see below) also paraffin embedded tissue can be stained with the antibody. In Flow cytometry fixate cells in 10% (v/v) Lysing solution followed by primary antibody and antiMouse-FITC. In developing a Western blot staining pattern use an anti-Mouse-HRP.
<b>Uses:</b>	IHC - Paraffin (1:50), IHC - Frozen, Western blot, Flow Cytometry (Optimal dilution to be determined by the researcher)
<b>Size:</b>	100 µl

**Immunohistochemistry Image:**



Anti-MDR1 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5570 dilution 1:50.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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