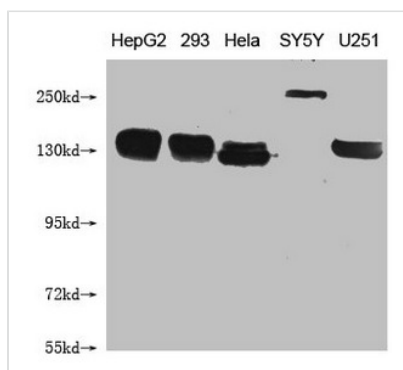




# ABCB1 Monoclonal Antibody

<b>Product Code</b>	CSB-MA001046A0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P08183
<b>Immunogen</b>	Recombinant Human ATP-dependent translocase ABCB1 protein (350-710AA)
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Specificity</b>	No significant cross-reactivity or interference was observed
<b>Tested Applications</b>	ELISA, WB, IF, FC; Recommended dilution: WB?1:1000-1:5000, IF:1:50-1:200, FC:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein A purified
<b>Isotype</b>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Target Names</b>	ABCB1
<b>Clone No.</b>	5C12D3

## Image



### Western Blot

Positive WB detected in: HepG2 whole cell lysate, 293 whole cell lysate, HeLa whole cell lysate, SY5Y whole cell lysate, U251 whole cell lysate

All lanes: ABCB1 antibody at 1:1000

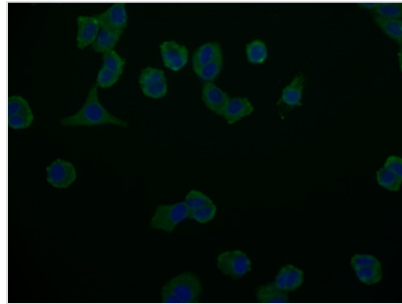
Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution

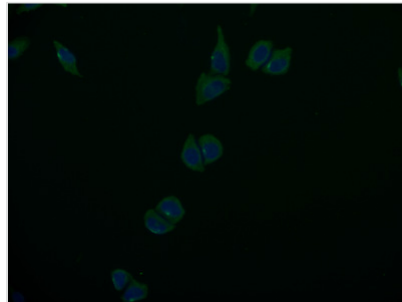
Predicted band size: 141 kDa

Observed band size: 141-250 KDa

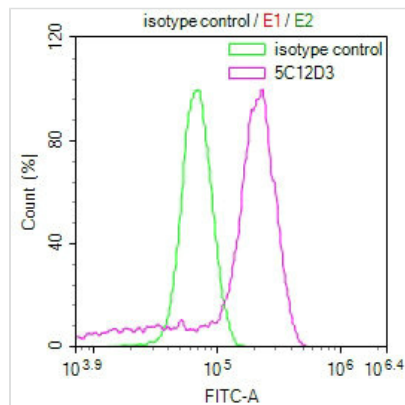
Exposure time?5min



Immunofluorescence staining of HepG2 cells with CSB-MA001046A0m at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



Immunofluorescence staining of HeLa cells with CSB-MA001046A0m at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



Overlay Peak curve showing HeLa cells stained with CSB-MA001046A0m (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1\*10<sup>6</sup>cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.