

## Anti-ABCG2 antibody [3G8] (STJ97809)

STJ97809

### GENERAL INFORMATION

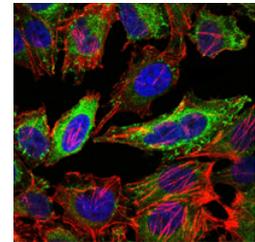
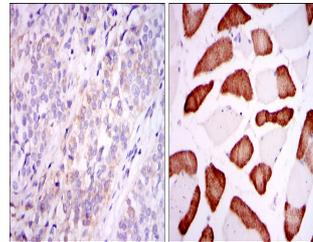
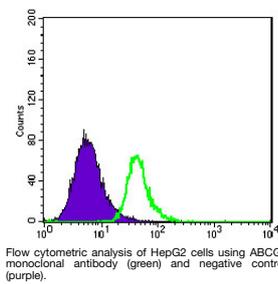
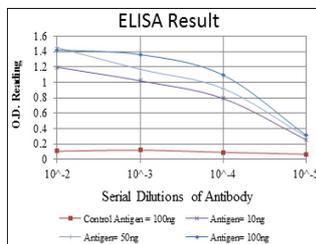
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Broad Substrate Specificity Atp-Binding Cassette Transporter Abcg2 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC, FC, ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Monkey

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	3G8
<b>Concentration</b>	Unconjugated
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
<b>Formulation</b>	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	9429
<b>Gene Symbol</b>	ABCG2
<b>Uniprot ID</b>	ABCG2_HUMAN
<b>Immunogen</b>	Purified recombinant fragment of human ABCG2 expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	ABCG2 monoclonal antibody (Broad Substrate Specificity Atp-Binding Cassette Transporter Abcg2) binds to endogenous Broad Substrate Specificity Atp-Binding Cassette Transporter Abcg2.
<b>Immunogen Sequence</b>	



Flow cytometric analysis of HepG2 cells using ABCG2 monoclonal antibody (green) and negative control (purple).

Immunohistochemistry analysis of paraffin-embedded bladder cancer tissues (left) and skeletal muscle tissues (right) with DAB staining using ABCG2 monoclonal antibody.

Immunofluorescence analysis of HeLa cells using ABCG2 monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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