

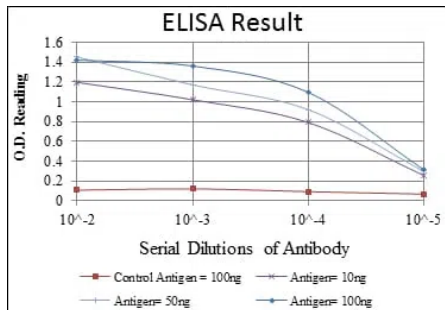


Product name:	ABCG2 Mouse Monoclonal Antibody
Cat number:	MABN80991
Conjugate:	Unconjugated
Size:	100ul
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified recombinant fragment of human ABCG2 expressed in E. Coli.
Reactivity:	Human,Mouse,Rat,Rabbit,Monkey
Applications:	WB 1:500-1:2000,IHC 1:100-1:500,ICC 1:50-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight:	72kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	MRX; MXR; ABCP; BCRP; BMDP; MXR1; ABC15; BCRP1; CD338; CDw338; EST157481; MGC102821
Source:	Mouse
Background:	<p>The membrane-associated protein encoded by this gene is included in 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 White subfamily. Alternatively referred to as a breast cancer resistance protein, this protein functions as a xenobiotic transporter which may play a major role in multi-drug resistance. It likely serves as a cellular defense mechanism in response to mitoxantrone and anthracycline exposure. Significant expression of this protein has been observed in the placenta, which may suggest a potential role for this molecule in placenta tissue. Tissue specificity: Highly expressed in placenta. Low expression in small intestine, liver and colon.</p>

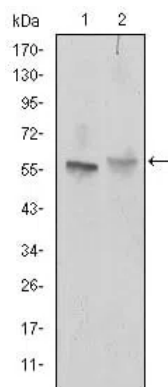
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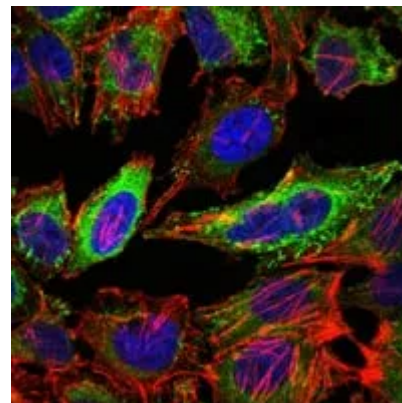
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



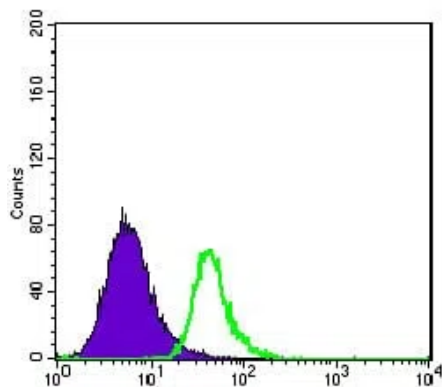
Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



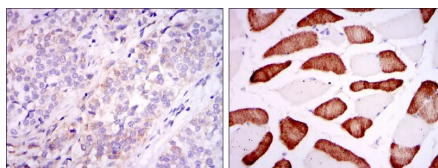
Western blot analysis using ABCG2 mouse mAb against NIH/3T3 (1) and Cos7 (2) cell lysate.



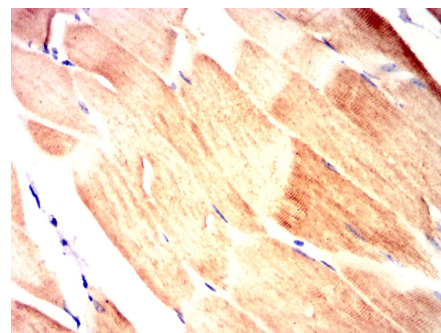
Immunofluorescence analysis of HeLa cells using ABCG2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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

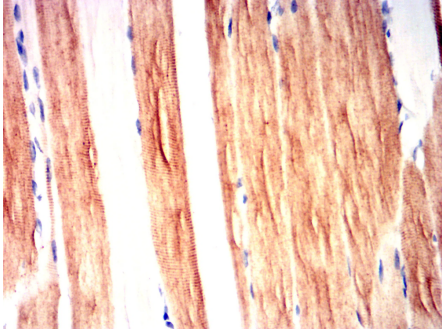


Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues (left) and skeletal muscle tissues (right) using ABCG2 mouse mAb with DAB staining.

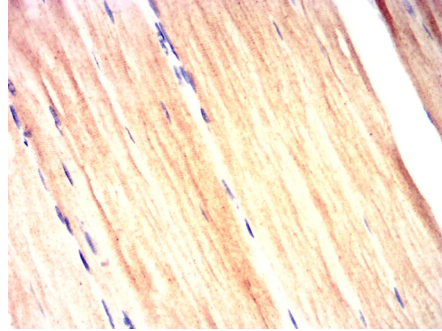


Immunohistochemical analysis of paraffin-embedded mouse muscle using ABCG2 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Rat muscle using ABCG2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit muscle using ABCG2 mouse mAb with DAB staining.

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