

# Product Datasheet

## **ABCG2/CD338 Antibody** **NBP2-22124SS**

Unit Size: 0.025 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 6/15/2014 v.20.1

**NBP2-22124SS****ABCG2/CD338 Antibody (3G8)****Product Information**

<b>Unit Size</b>	0.025 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3G8
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Ammonium sulfate precipitation
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	60-70 kDa

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	9429
<b>Gene Symbol</b>	ABCG2
<b>Species</b>	Human, Mouse, Primate
<b>Species Reactivity</b>	Human, mouse and monkey.
<b>Marker</b>	Stem Cell Marker
<b>Immunogen</b>	Purified recombinant fragment of human ABCG2 expressed in E. coli. [UniProt# Q9UNQ0]

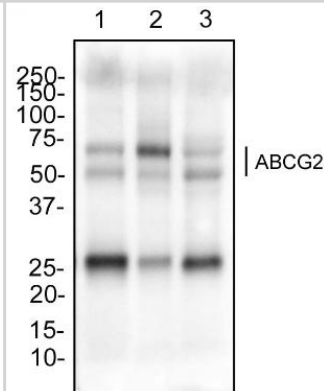
**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	ELISA 1:10000, Flow Cytometry 1:200-1:400, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:200-1:1000, Western Blot 1:500-1:2000
<b>Application Notes</b>	This ABCG2 (3G8) antibody is useful for Western blot, Immunohistochemistry on paraffin-embedded sections, Immunocytochemistry/Immunofluorescence, Flow Cytometry and ELISA. In WB a dimer can be seen at 60-70 kDa representing ABCG2.

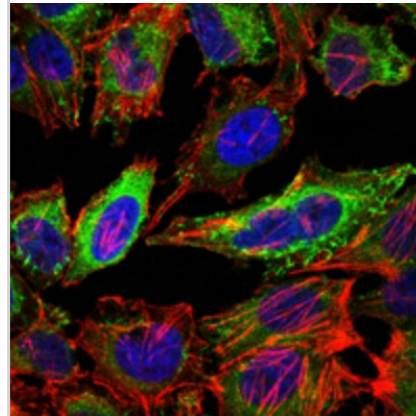


## Images

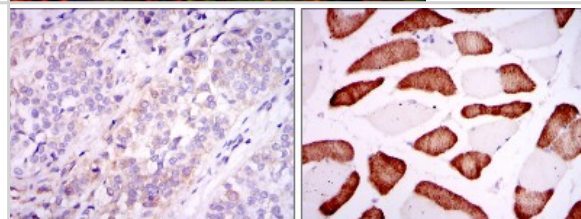
Western Blot: ABCG2 Antibody (3G8) [NBP2-22124] - Analysis of ABCG2 expression in 1) human small intestine, 2) human placenta and 3) mouse placenta tissue extracts.



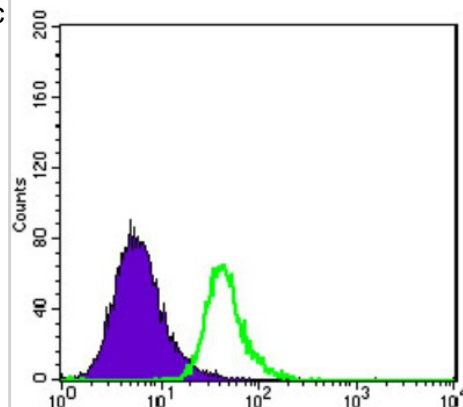
Immunocytochemistry/Immunofluorescence: ABCG2 Antibody (3G8) [NBP2-22124] - Immunofluorescence analysis of Hela cells using ABCG2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



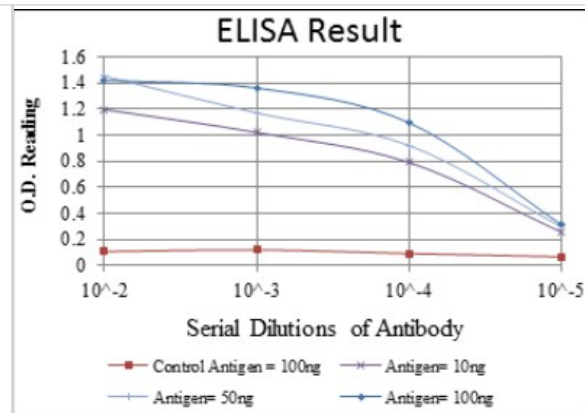
Immunohistochemistry-Paraffin: ABCG2 Antibody (3G8) [NBP2-22124] - Immunohistochemical analysis of paraffin-embedded bladder cancer tissues (left) and skeletal muscle tissues (right) using ABCG2 mouse mAb with DAB staining.



Flow Cytometry: ABCG2 Antibody (3G8) [NBP2-22124] - Flow cytometric analysis of HepG2 cells using ABCG2 mouse mAb (green) and negative control (purple).



ELISA: ABCG2 Antibody (3G8) [NBP2-22124] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

**For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

