

## Product Datasheet

# ABCG2 Recombinant Rabbit Monoclonal Antibody (orb1499376)

<b>Catalog Number</b>	orb1499376
<b>Category</b>	Antibodies
<b>Description</b>	ABCG2 Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	ABCG2
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Human, Mouse
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	A synthesized peptide derived from human ABCG2 (150-200/655aa)
<b>UniProt ID</b>	<b>Q9UNQ0</b>
<b>MW</b>	72 kDa

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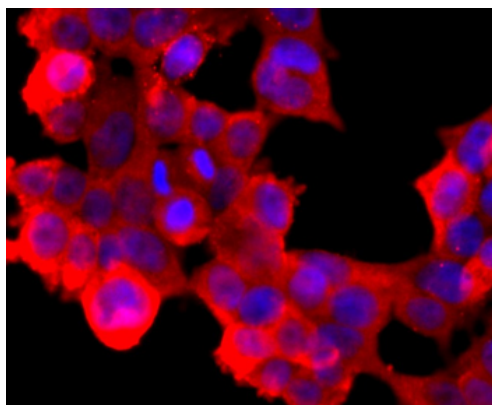
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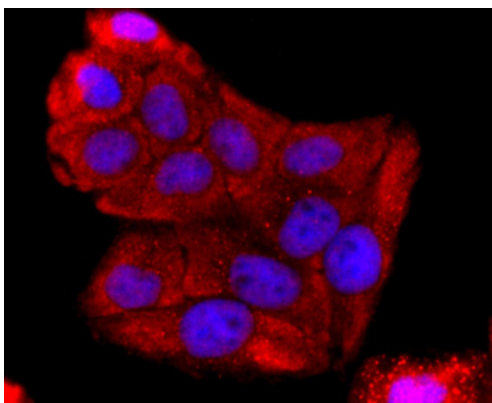
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<b>Tested applications</b>	IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	4C4
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only



ICC staining of ABCG2 in 293T cells (red). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (orb1499376, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®594 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1000 dilution. The nuclear counter stain is DAPI (blue).



ICC staining of ABCG2 in Hela cells (red). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (orb1499376, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®594 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1000 dilution. The nuclear counter stain is DAPI (blue).

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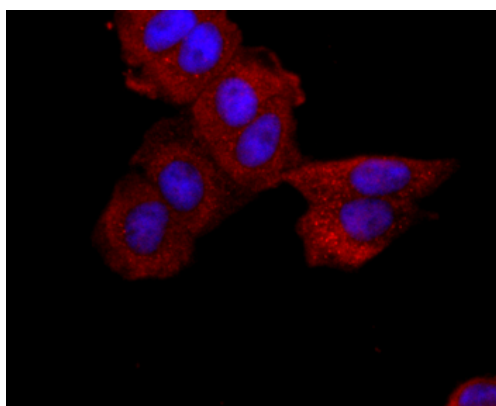
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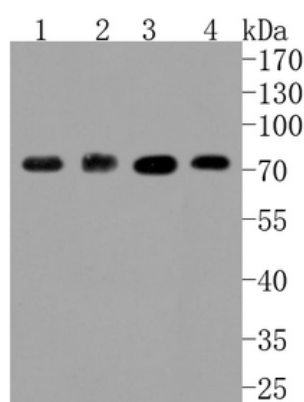
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ICC staining of ABCG2 in MCF-7 cells (red). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (orb1499376, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®594 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1000 dilution. The nuclear counter stain is DAPI (blue).



Western blot analysis of ABCG2 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (orb1499376, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: HepG2 cell lysate, Lane 2: human placenta tissue lysate, Lane 3: Hela cell lysate, Lane 4: 293T cell lysate.

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