9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-ABCB1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1002

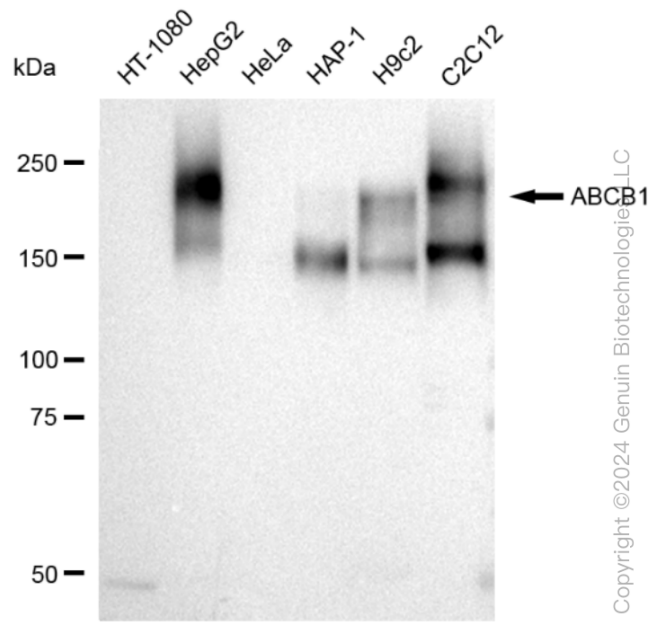
Product Overview

Name	KD-Validated Anti-ABCB1 Rabbit Monoclonal Antibody
Accession(Primary)	P08183
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human P Glycoprotein 1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 141 kDa , observed, 130-180 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:00-1:1,000

Target information (P08183)

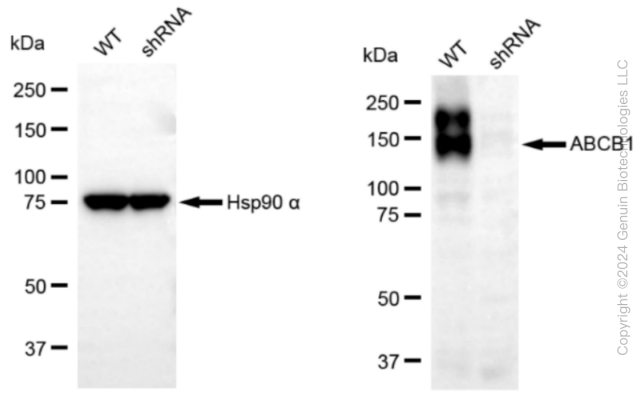
Gene Name	ABCB1
About Gene Symbol	ABCB1 (ATP Binding Cassette Subfamily B Member 1) is a cell surface marker involved in adaptive immunity. It is an important research target in immunology, flow cytometry, and cancer immunotherapy and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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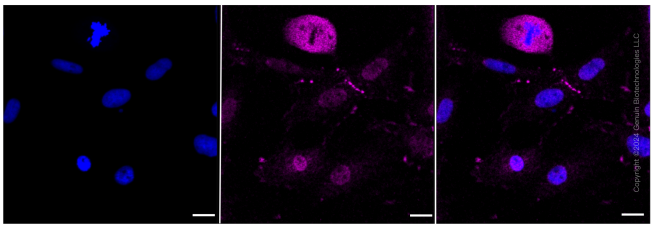
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Western blotting analysis using anti-ABCB1 antibody (Cat#ABG1002). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ABCB1 antibody (Cat#ABG1002, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-ABCB1 antibody (Cat#ABG1002). ABCB1 expression in wild type (WT) and ABCB1 shRNA knockdown (KD) Hela cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ABCB1 antibody (Cat#ABG1002, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with ABCB1 antibody (Cat#ABG1002, 1:1,000). Nuclei were stained blue with DAPI; ABCB1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.