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[KD-Validated] Anti-ABCB1 Rabbit Monoclonal Antibody

Cat No.: KD-10024

Aliases:

ABCB1; ATP Binding Cassette Subfamily B Member 1; PGY1; Multidrug Resistance Protein 1; CD243; GP170; ABC20; P-170; MDR1; ATP-Binding Cassette, Sub-Family B (MDR/TAP), Member 1; ATP-Dependent Translocase ABCB1; Phospholipid Transporter ABCB1; Colchicin Sensitivity; P-Glycoprotein 1; CLCS; P-GP; ATP-Binding Cassette Sub-Family B Member 1; Doxorubicin Resistance; P-Glycoprotein; CD243 Antigen; EC 3.6.3.44; EC 7.6.2.2; EC 7.6.2.1; EC 3.6.3; P-Gp

Background:

UniProt Entry: [P08183](#);NCBI Gene Entry: [5243](#)

Application Information

Molecular Weight: Predicted, 141 kDa, observed, 130-180 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB1330 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human P Glycoprotein

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

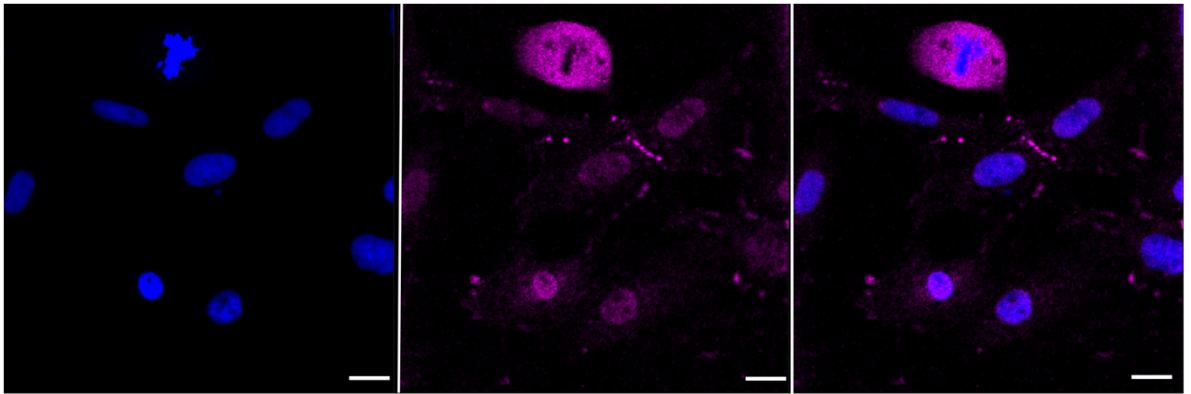
Store at -20 °C for one year.

Recommended Dilutions

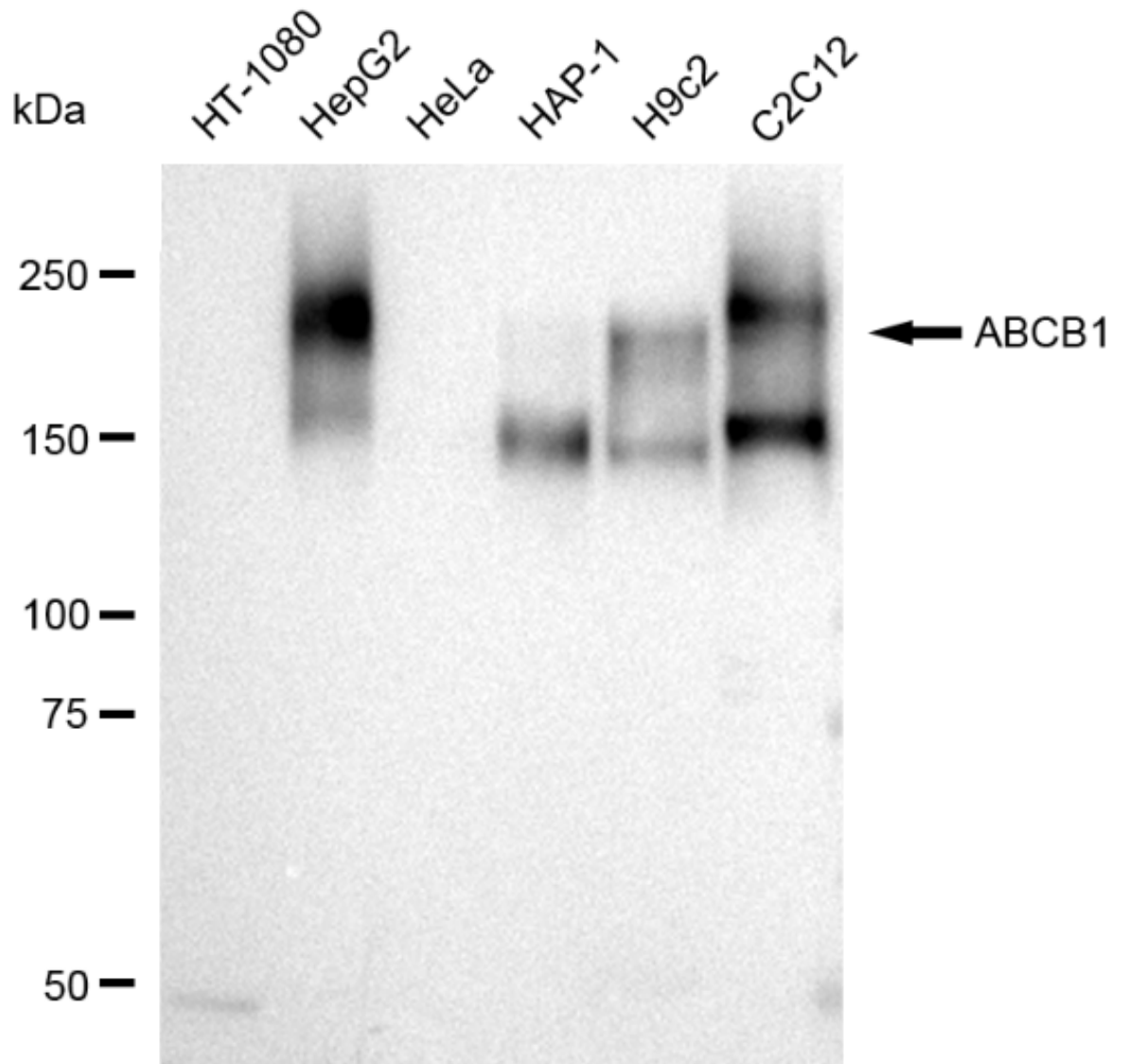
Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:1,000

Protocols

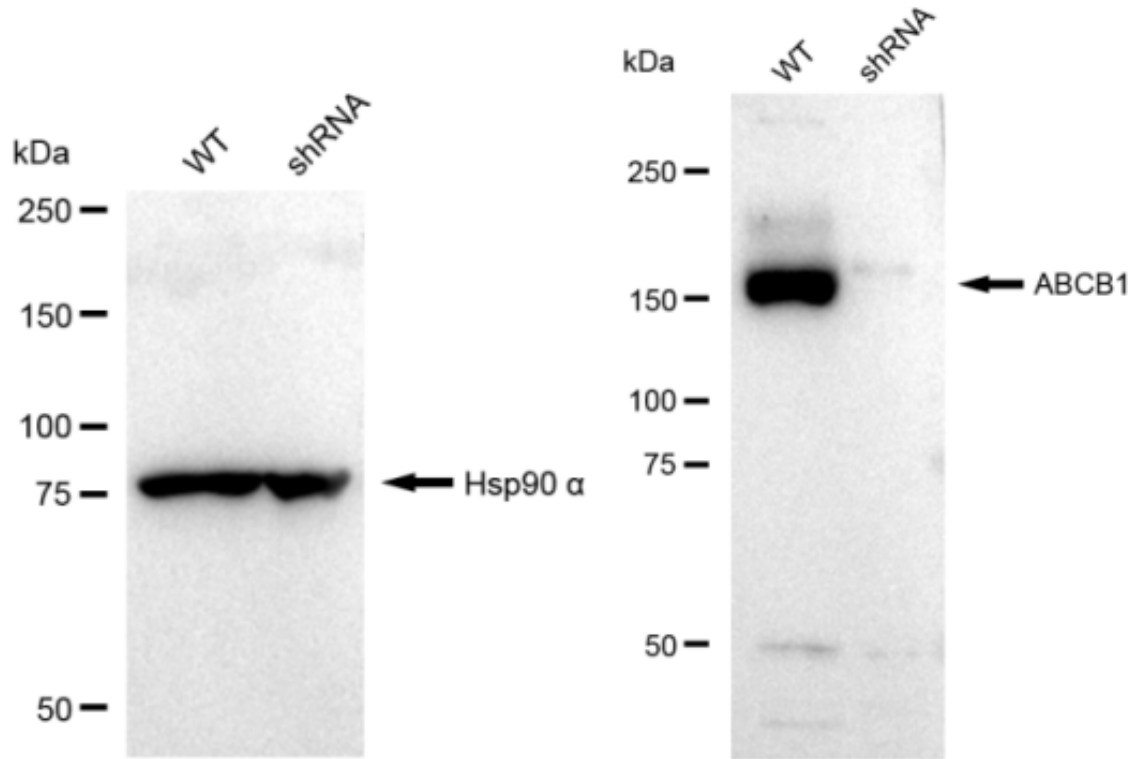
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



Immunocytochemical staining of HepG2 cells with ABCB1 antibody 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.



Western blotting analysis using anti-ABCB1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit . ABCB1, ATP binding cassette subfamily B member 1.



Western blotting analysis using anti-ABCB1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .