Anti-ROCK1 Rabbit Monoclonal Antibody

Catalog #: 3209

Aliases

ROCK1; Rho Associated Coiled-Coil Containing Protein Kinase 1; P160ROCK; Renal Carcinoma Antigen NY-REN-35; Rho-Associated ProteinKinase 1; P160 ROCK-1; EC 2.7.11.1; ROCK-I; Rho-Associated,Coiled-Coil-Containing Protein Kinase 1; Rho-Associated, Coiled-Coil-Containing Protein Kinase I; EC 2.7.11

Background

Gene Name: ROCK1
NCBI Gene Entry: 6093
UniProt Entry: Q13464

Application Information

Molecular Weight: Predicted, 158 kDa; observed, 158 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB4530
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human ROCK1

Isotype

Rabbit IgG

Storage Buffer

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

Storage

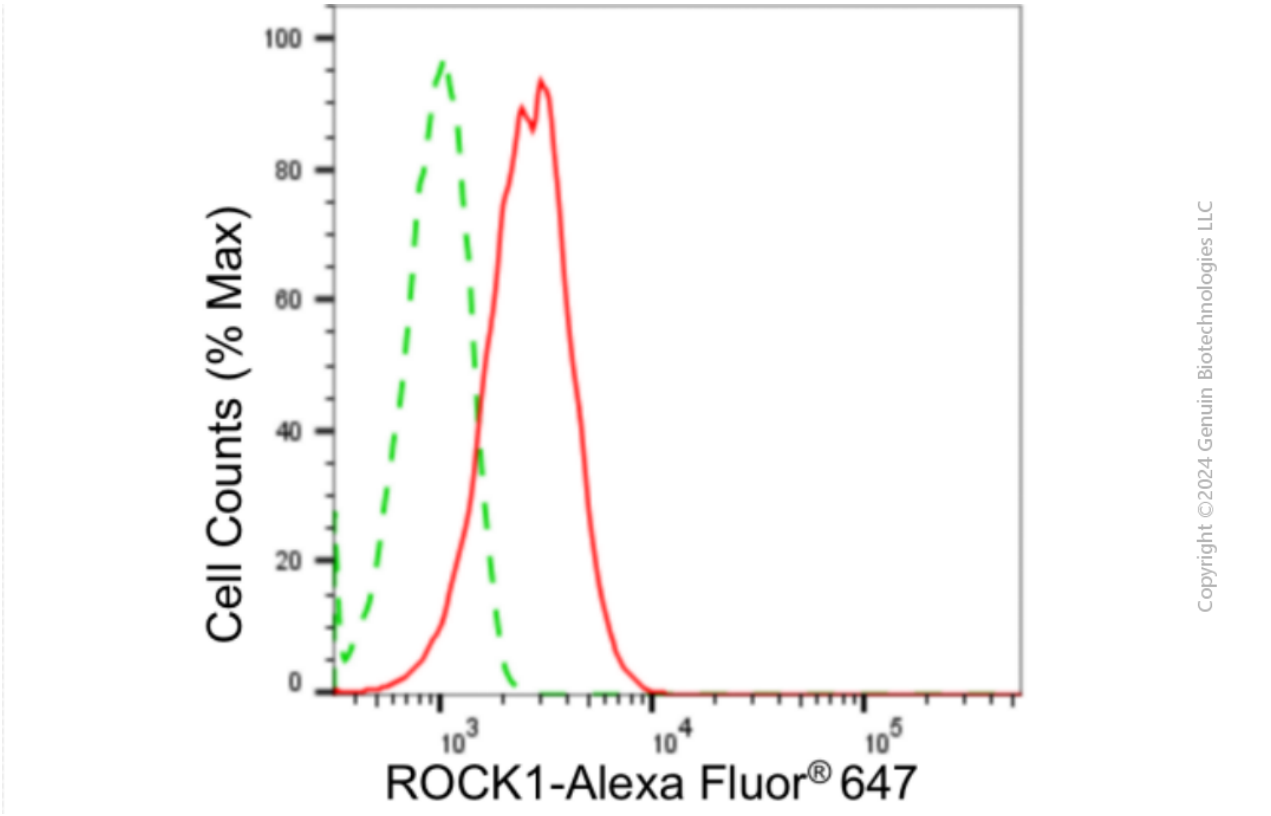
Store at -20 °C for one year.

Recommended Dilutions

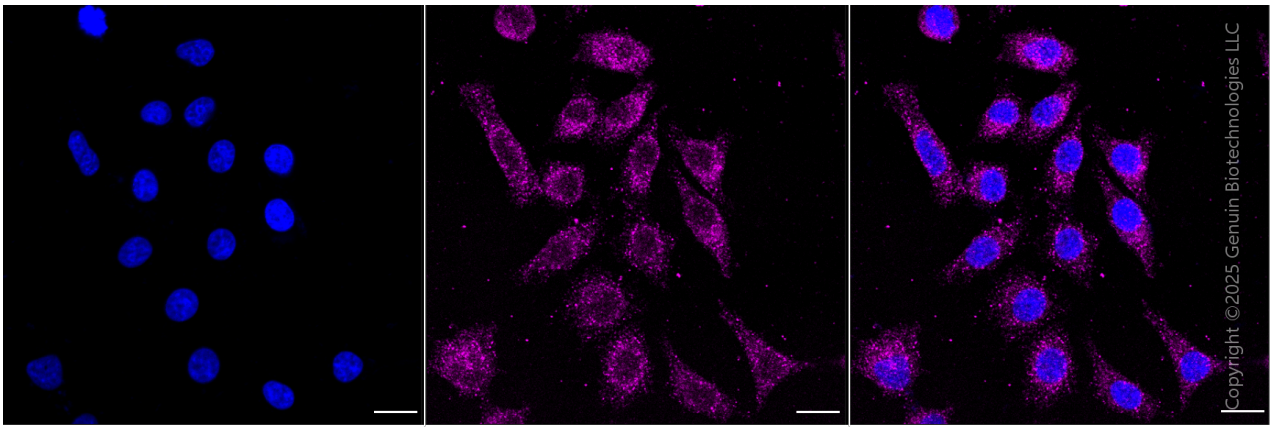
Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

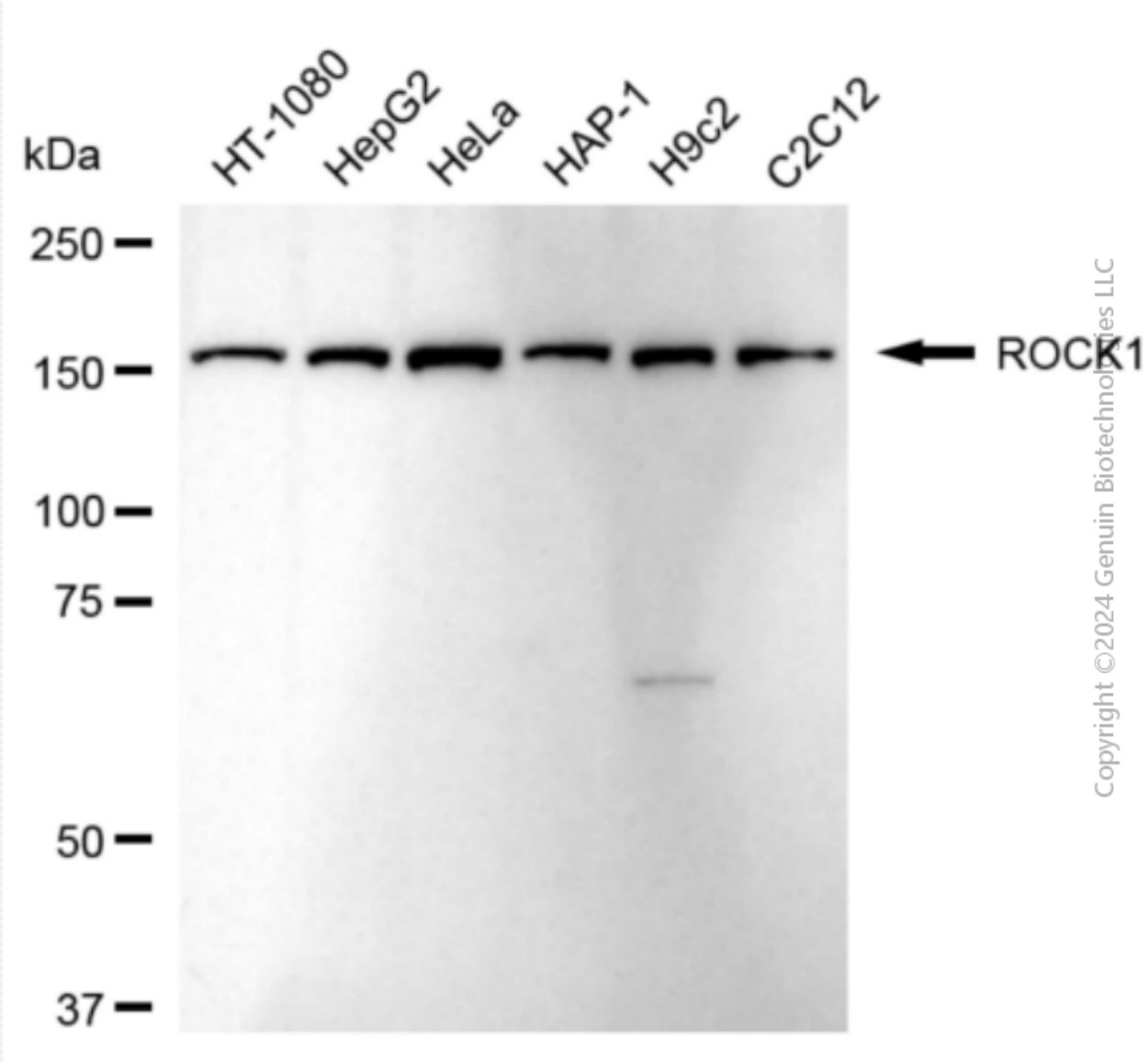
Validation Data



Flow cytometric analysis of ROCK1 expression in HepG2 cells using anti-ROCK1 antibody (Cat#3209, 1:2,000). Green, isotype control; red, ROCK1.



Immunocytochemical staining of HepG2 cells with anti-ROCK1 antibody(Cat#3209, 1:1,000) . Nuclei were stained blue with DAPI; ROCK1 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-ROCK1 antibody (Cat#3209). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ROCK1 antibody (Cat#3209, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716). ROCK1, Rho associated coiled-coil containing protein kinase 1.