Anti-ROR2 Recombinant Rabbit Monoclonal Antibody

Catalog #: 2485

Aliases

Receptor Tyrosine Kinase Like Orphan Receptor 2; NTRKR2; Tyrosine-Protein Kinase Transmembrane Receptor ROR2; BDB1; BDB; Neurotrophic Tyrosine Kinase, Receptor-Related 2; Receptor Tyrosine Kinase-Like Orphan Receptor 2; Neurotrophic Tyrosine Kinase Receptor-Related 2; EC 2.7.10.1

Background

Gene Name: ROR2
NCBI Gene Entry: 4920
UniProt Entry: Q01974

Application Information

Molecular Weight: Predicted, 105 kDa; observed, 105 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB1065
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human ROR2

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

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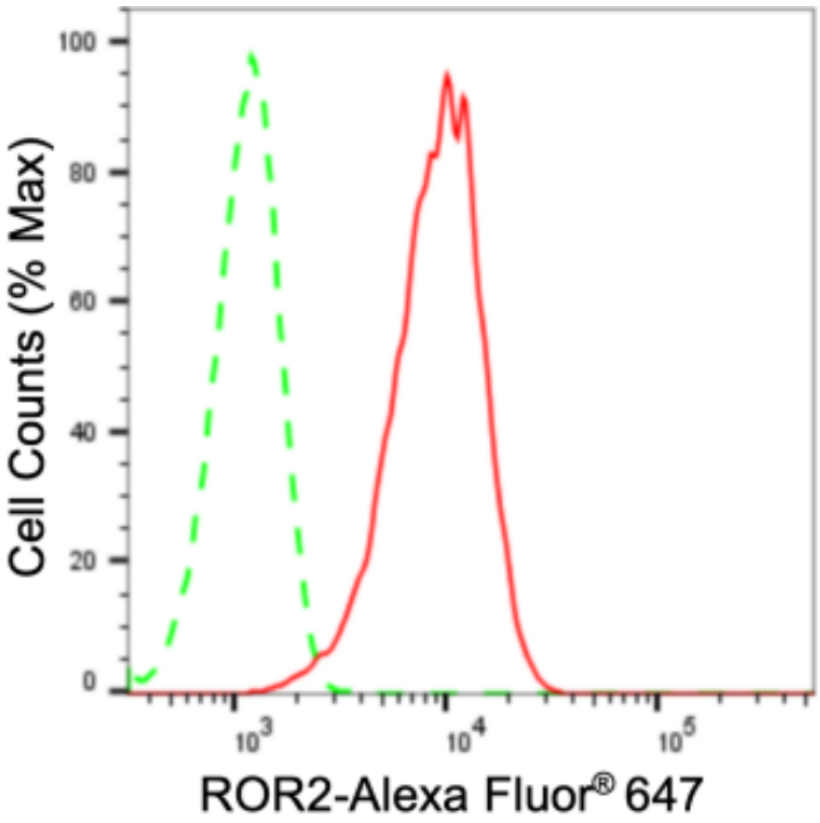
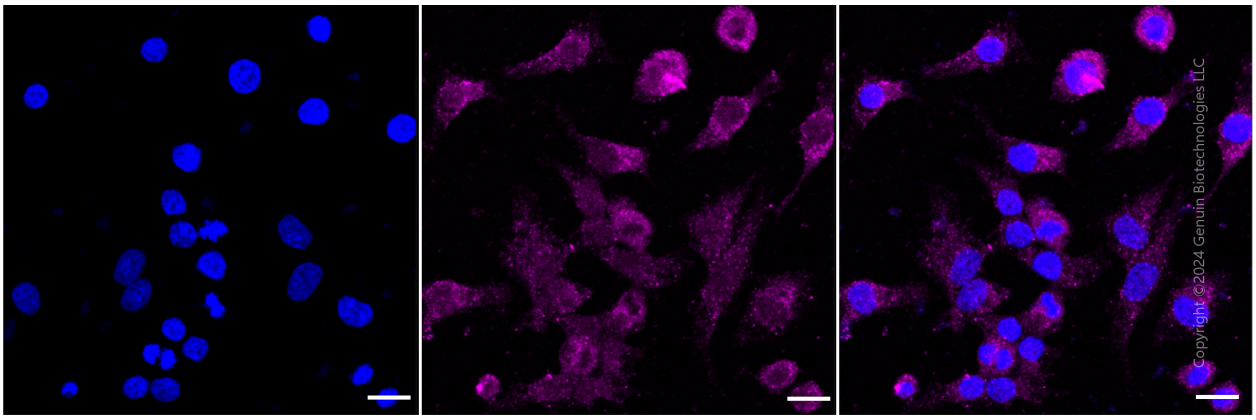
Note: This product is for research use only.

Validation Data



Flow cytometric analysis of ROR2 expression in HeLa cells using ROR2 antibody (Cat#2485, 1:2,000). Green, isotype control; red, ROR2.



Immunocytochemical staining of HeLa cells with anti-ROR2 antibody (Cat#2485, 1:1,000). Nuclei were stained blue with DAPI; ROR2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:Medium . Scale bar: 20 µm.

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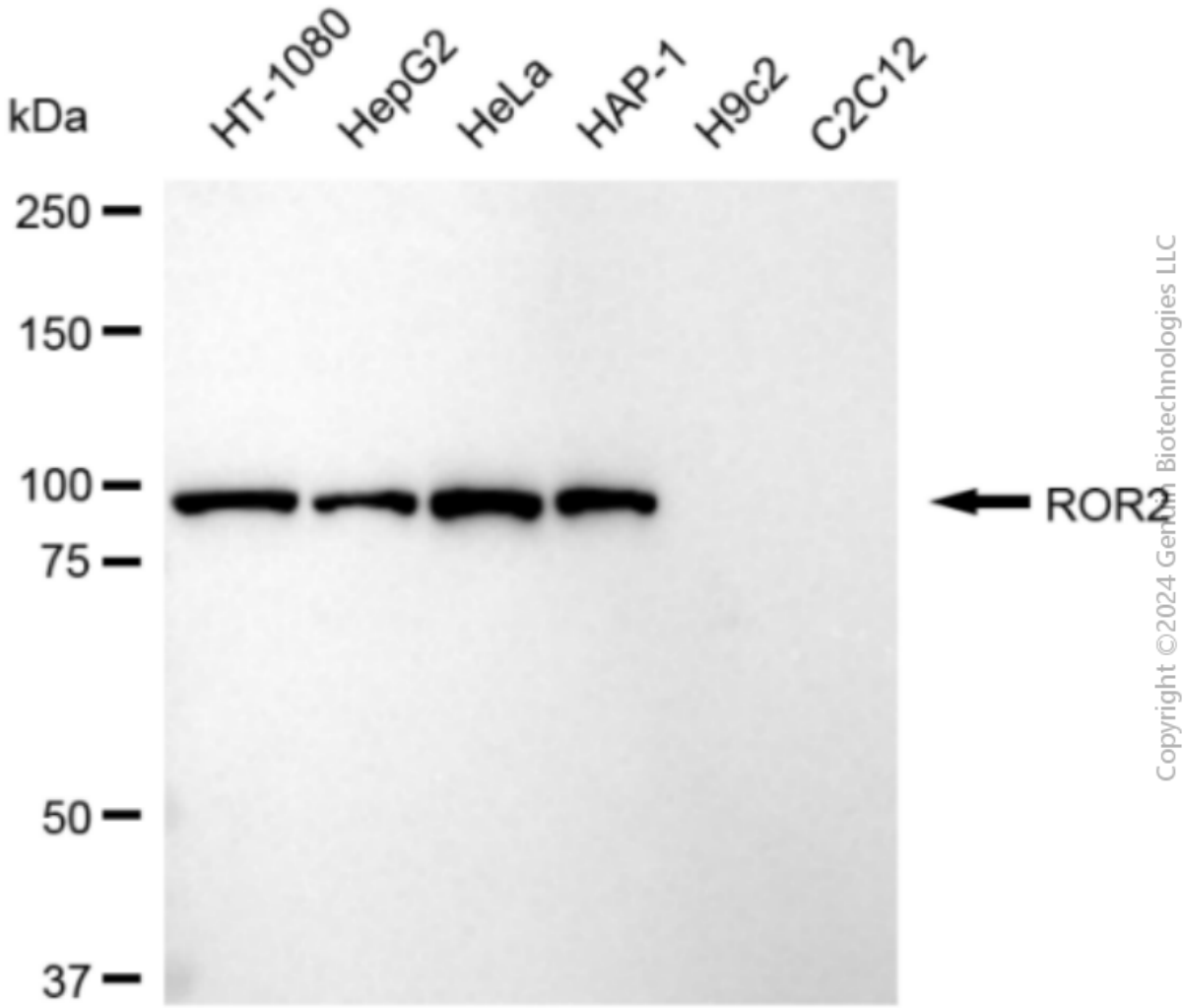

Western blotting analysis using anti-ROR2 antibody (Cat#2485). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ROR2 antibody (Cat#2485, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).