Anti-ULK1 Recombinant Rabbit Monoclonal Antibody

GenuIN BIOTECH
R E A L   M A T T E R S

Catalog #: 2773

Aliases

ULK1; Unc-51 Like Autophagy Activating Kinase 1; ATG1; ATG1A; Serine/Threonine-Protein Kinase ULK1; Autophagy-Related Protein 1 Homolog; EC 2.7.11.1; HATG1; ATG1 Autophagy Related 1 Homolog (S. Cerevisiae); Unc-51 (C. Elegans)-Like Kinase 1; Unc-51-Like Kinase 1 (C. Elegans); ATG1 Autophagy Related 1 Homolog; Unc-51-Like Kinase 1; EC 2.7.11; KIAA0722; Unc51.1; UNC51

Background

Gene Name: ULK1
NCBI Gene Entry: 8408
UniProt Entry: O75385

Application Information

Molecular Weight: Predicted, 113 kDa; observed, 120 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB2195
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human ULK1

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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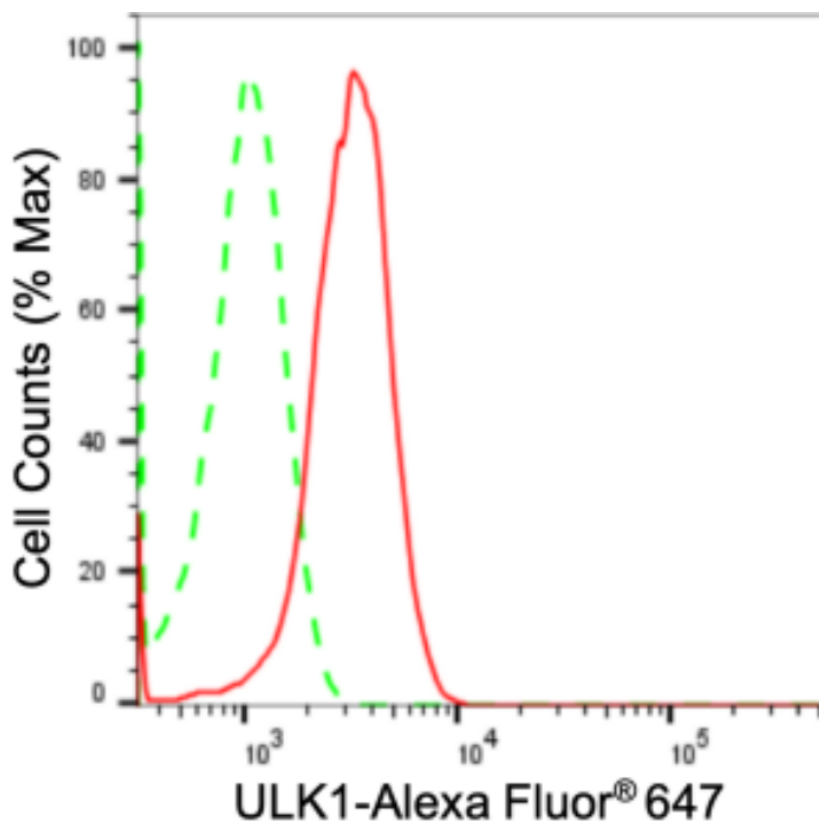
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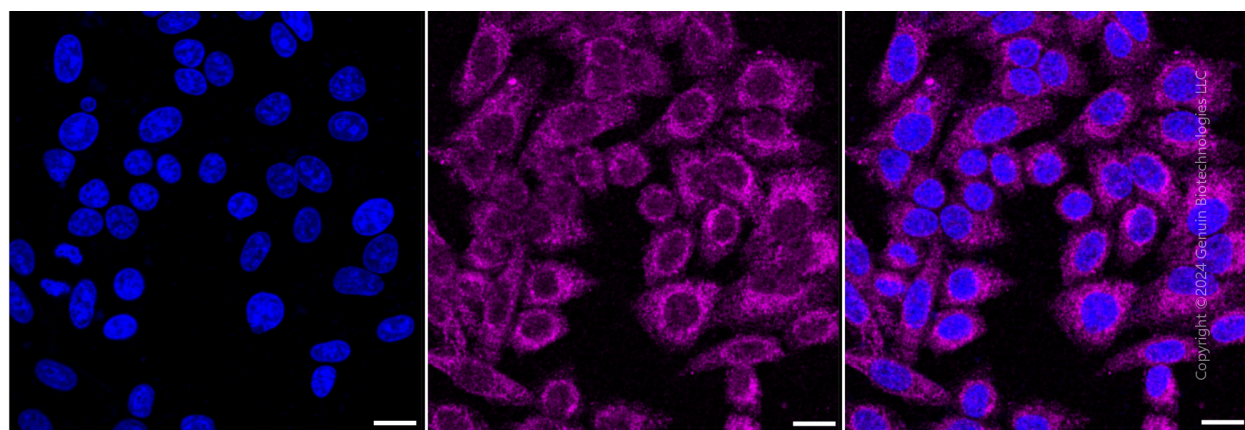
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of ULK1 expression in HepG2 cells using anti-ULK1 antibody (Cat#2773, 1:2,000). Green, isotype control; red, ULK1.

Immunocytochemical staining of HepG2 cells with anti-ULK1 antibody (Cat#2773, 1:1,000). Nuclei were stained blue with DAPI; ULK1 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.
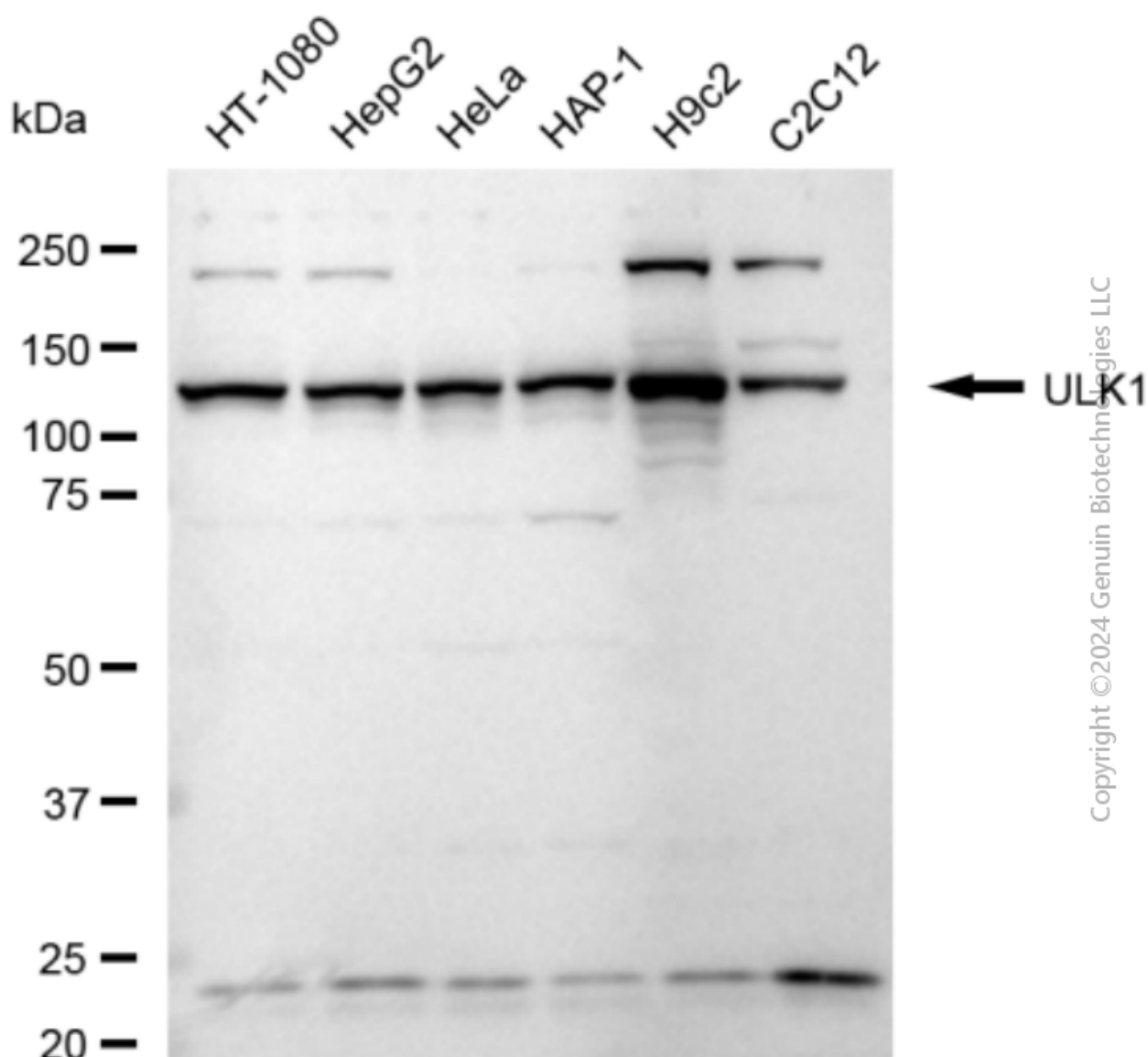
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Western blotting analysis using anti-ULK1 antibody (Cat#2773). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ULK1 antibody (Cat#2773, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).