

KD-Validated Anti-MAP2K1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 61296

Aliases

MAP2K1; Mitogen-Activated Protein Kinase Kinase 1; MEK1; Dual Specificity Mitogen-Activated Protein Kinase Kinase 1; MAPK/ERK Kinase 1; MAPKK1; PRKMK1; MKK1; ERK Activator Kinase 1; MAP Kinase Kinase 1; EC 2.7.12.2; MAPKK 1; MEK 1; Protein Kinase, Mitogen-Activated, Kinase 1 (MAP Kinase Kinase 1); CFC3; MEL

Background

Gene Name: MAP2K1

NCBI Gene Entry: [5604](#)

UniProt Entry: [Q02750](#)

Application Information

Molecular Weight: Predicted, 43 kDa, observed, 45 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB2940

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human MEK1

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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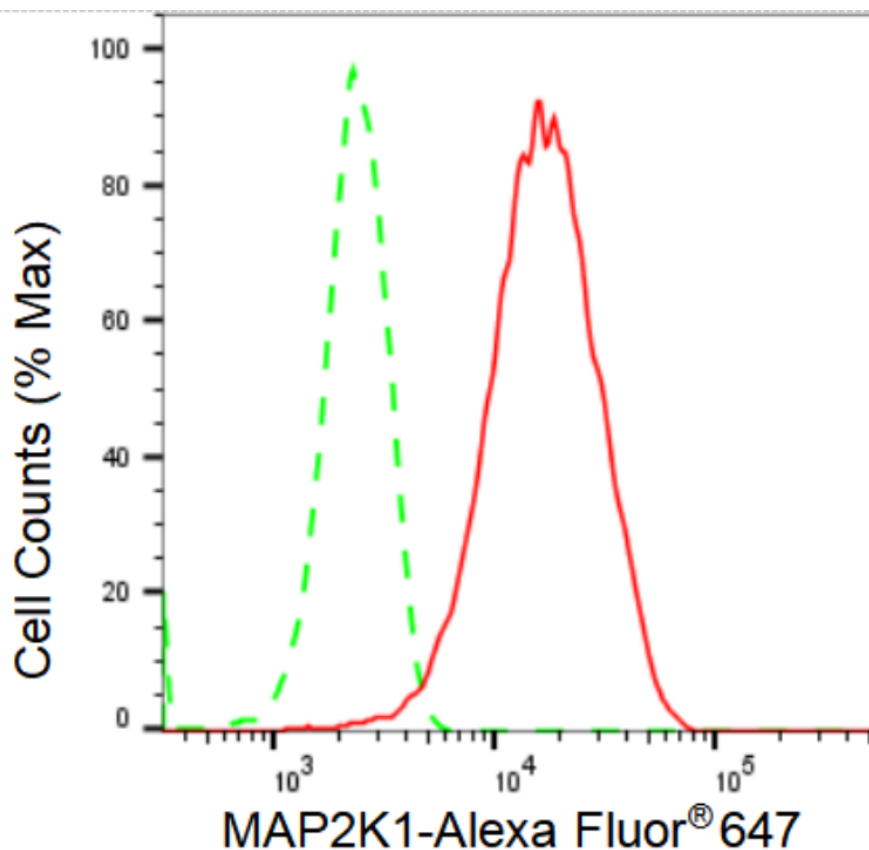
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PAGE 2

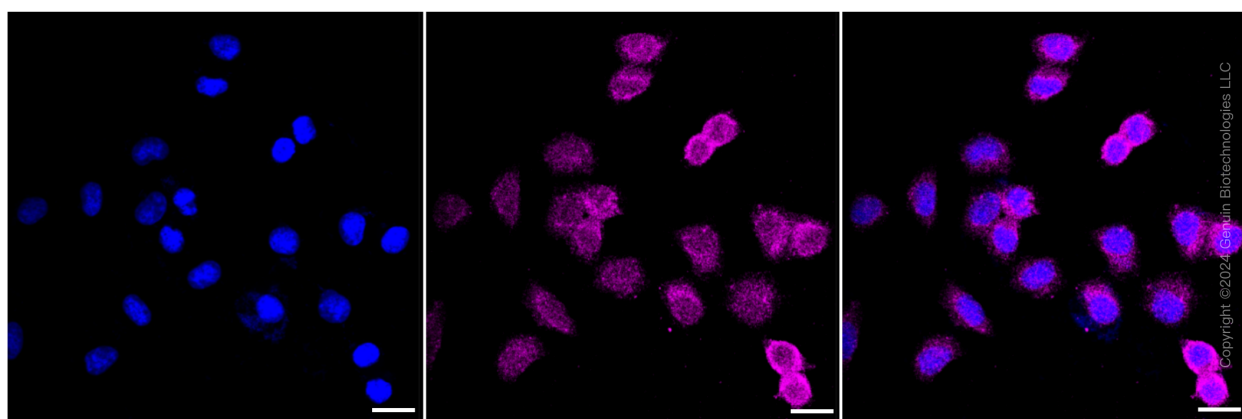
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Validation Data



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Flow cytometric analysis of MAP2K1 expression in HepG2 cells using MAP2K1 antibody (Cat#61296, 1:2,000). Green, isotype control; red, MAP2K1.



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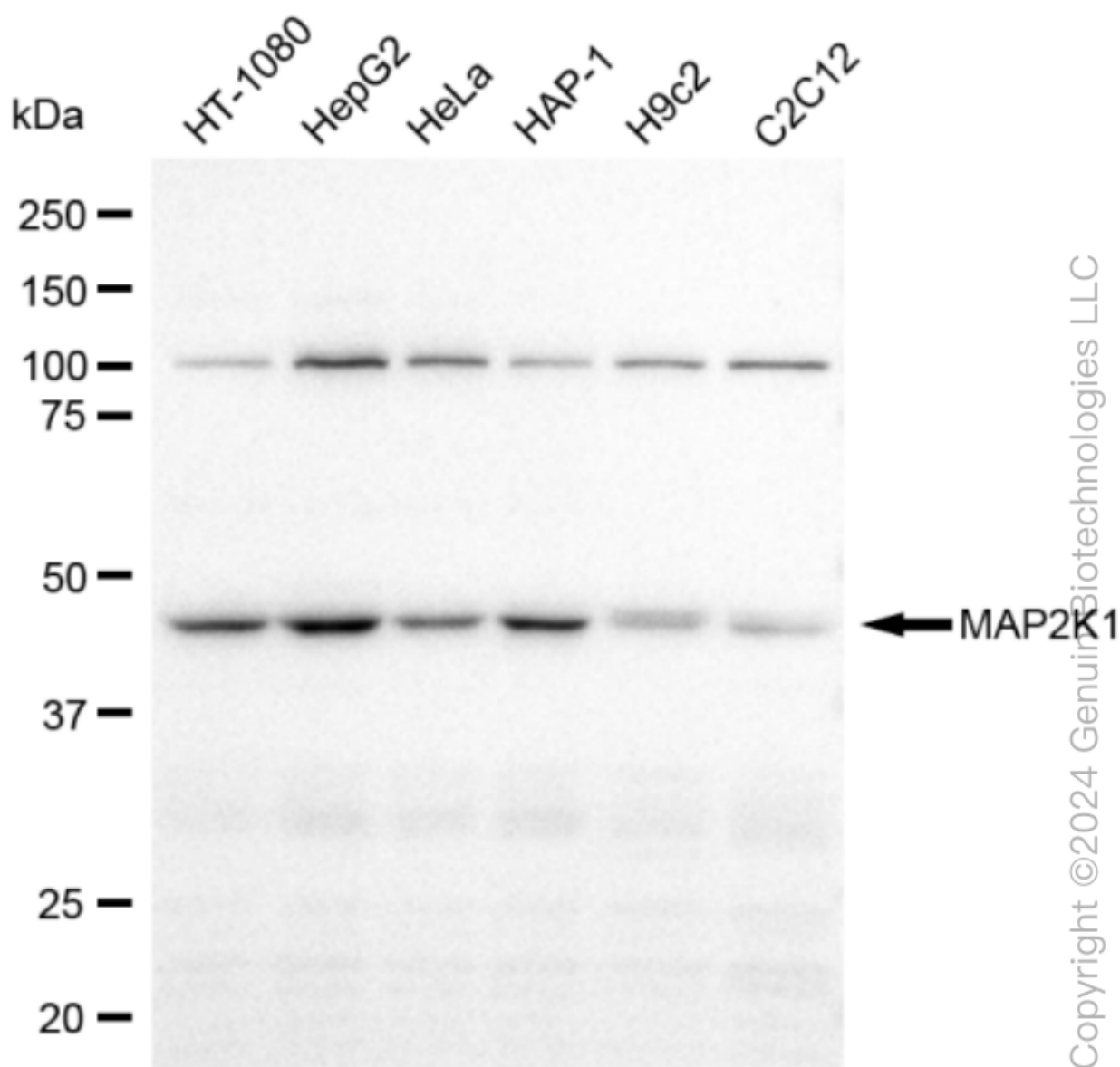
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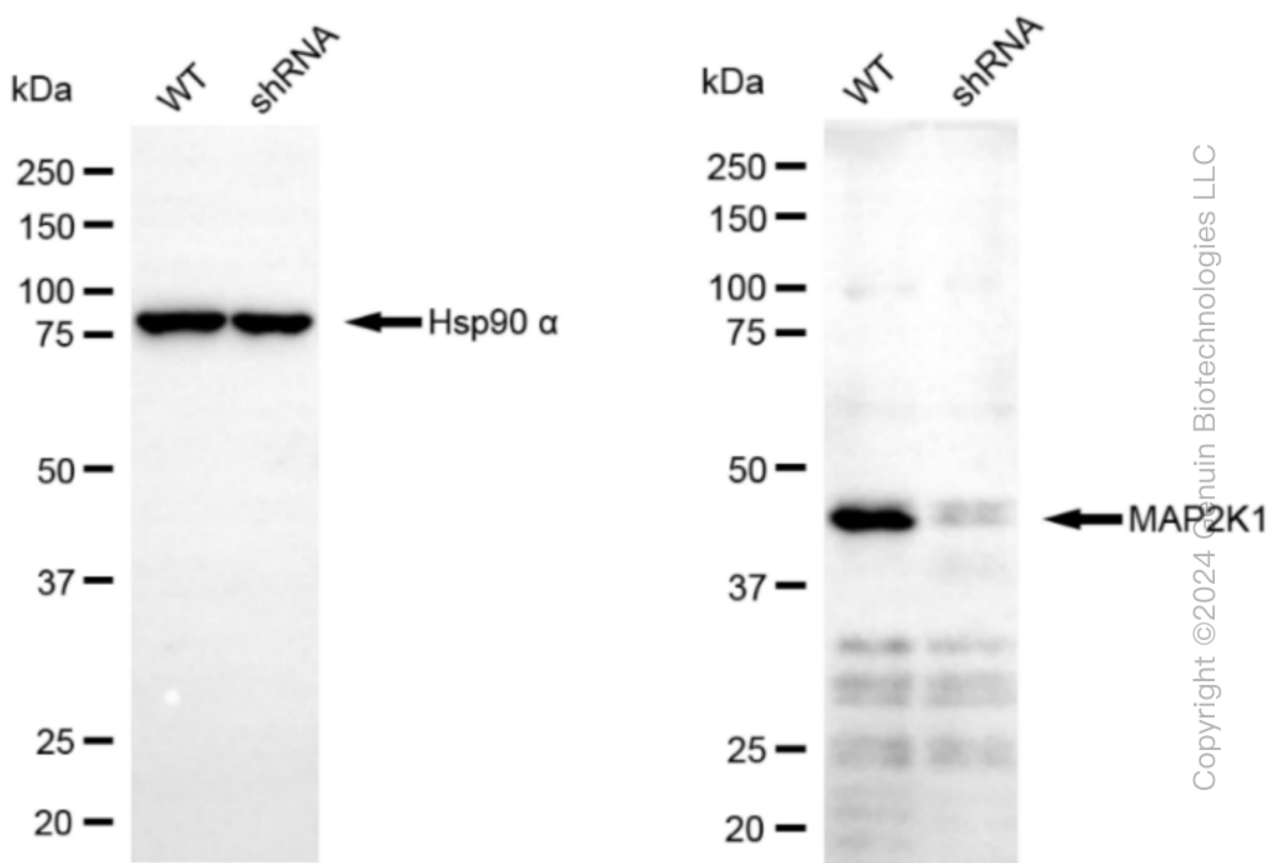
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Western blotting analysis using anti-MAP2K1 antibody (Cat#61296). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MAP2K1 antibody (Cat#61296, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-MAP2K1 antibody (Cat#61296). MAP2K1 expression in wild type (WT) and MAP2K1 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MAP2K1 antibody (Cat#61296, 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).