

KD-Validated Anti-MAP2K2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

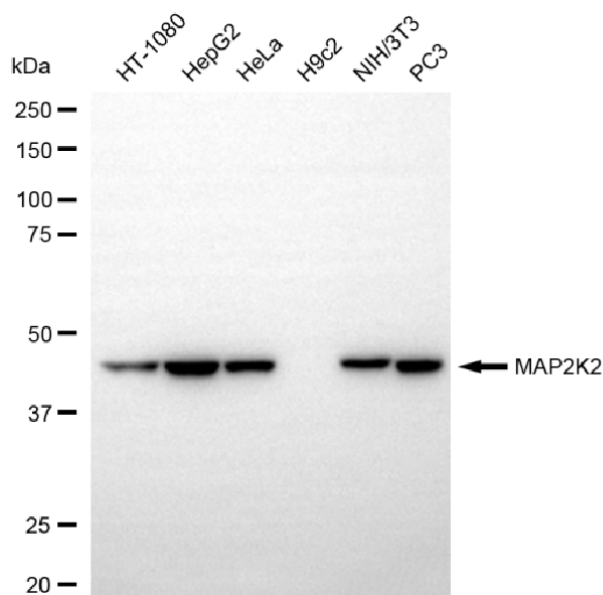
ABG1324

Product Overview

Name	KD-Validated Anti-MAP2K2 Rabbit Monoclonal Antibody
Accession(Primary)	P36507
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MEK2
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 44 kDa; observed, 44 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

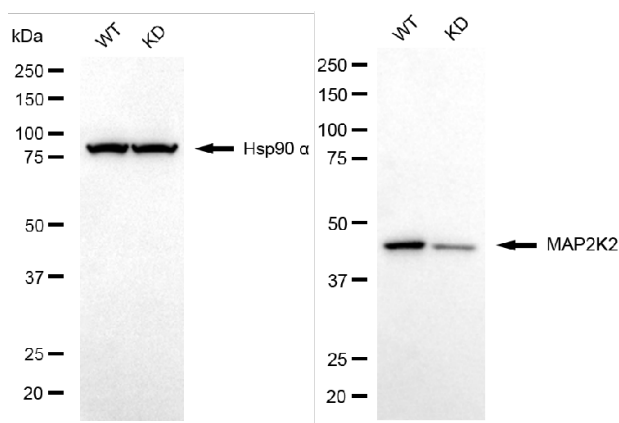
Target information (P36507)

Gene Name	MAP2K2
About Gene Symbol	MAP2K2 (Mitogen-Activated Protein Kinase Kinase 2) is a mitogen-activated protein kinase involved in MAPK/ERK signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



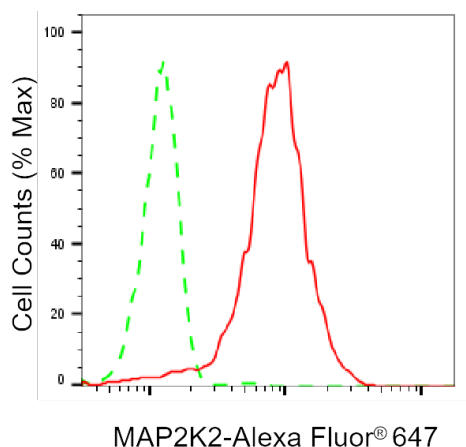
Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-MAP2K2 antibody (Cat#ABG1324). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MAP2K2 antibody (Cat#ABG1324, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



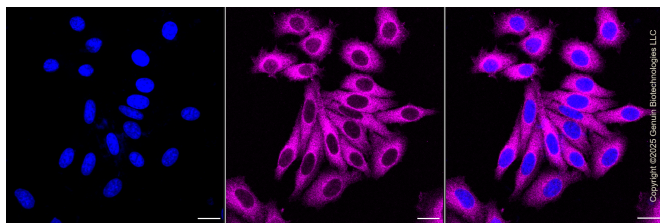
Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-MAP2K2 antibody (Cat#ABG1324). MAP2K2 expression in wild-type (WT) and MAP2K2 knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MAP2K2 antibody (Cat#ABG1324, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2025 Genuin Biotechnologies LLC

Flow cytometric analysis of MAP2K2 expression in HepG2 cells using anti-MAP2K2 antibody (Cat#ABG1324, 1:2,000). Green, isotype control; red, MAP2K2.



Immunocytochemical staining of HepG2 cells with anti-MAP2K2 antibody (Cat#ABG1324, 1:1,000).

Nuclei were stained blue with DAPI; MAP2K2 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 μ m.