

KD-Validated Anti-MAP3K2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

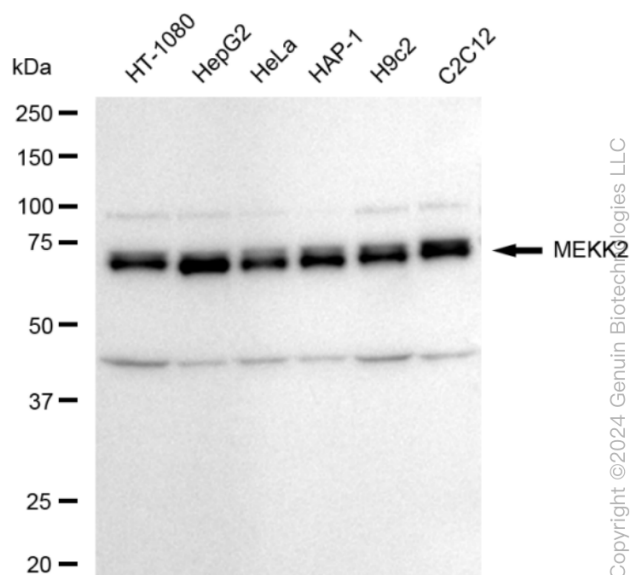
ABG1593

Product Overview

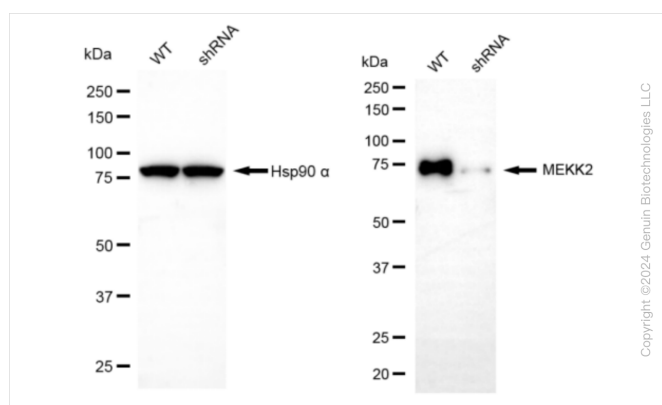
Name	KD-Validated Anti-MAP3K2 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y2U5
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MEKK2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 70 kDa , observed , 70 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:4,000-1:20,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9Y2U5)

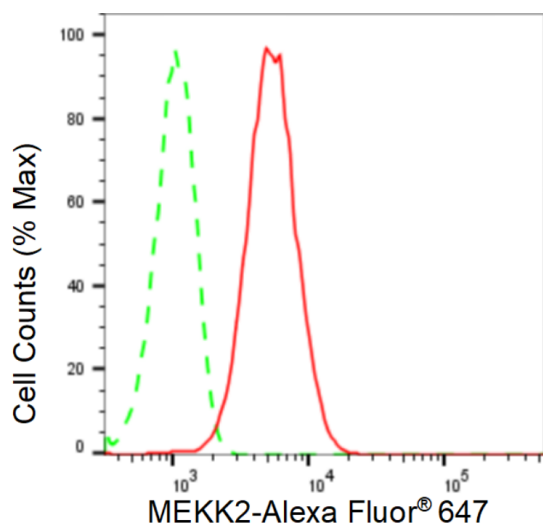
Gene Name	MAP3K2
About Gene Symbol	MAP3K2 (Mitogen-Activated Protein Kinase Kinase Kinase 2) is a mitogen-activated protein kinase involved in MAPK/ERK signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



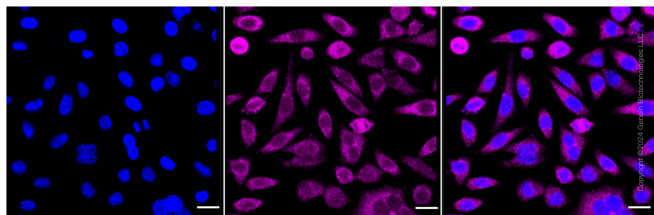
Western blotting analysis using anti-MEKK2 antibody (Cat#ABG1593). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MEKK2 antibody (Cat#ABG1593, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-MEKK2 antibody (Cat#ABG1593). MEKK2 expression in wild type (WT) and MEKK2 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MEKK2 antibody (Cat#ABG1593, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of MEKK2 expression in HepG2 cells using MEKK2 antibody (Cat#ABG1593, 1:2,000). Green, isotype control; red, MEKK2.



Immunocytochemical staining of HeLa cells with anti-MEKK2 antibody (Cat#ABG1593, 1:1,000).

Nuclei were stained blue with DAPI; MEKK2 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.