

KD-Validated Anti-MAP3K7 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

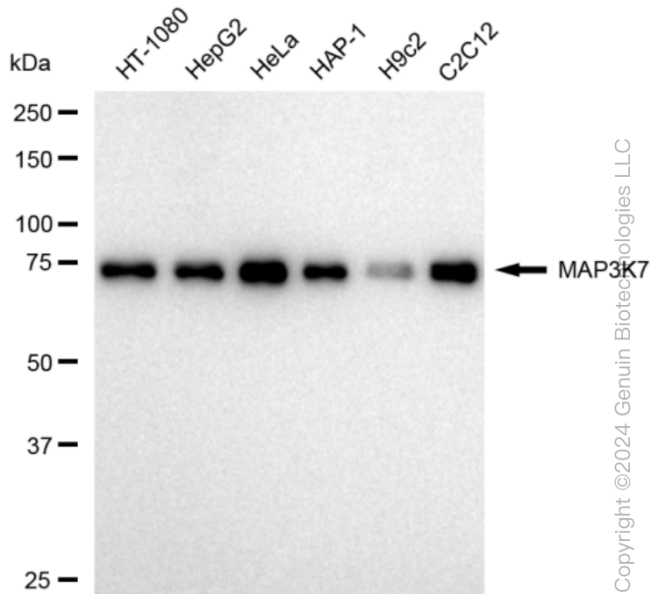
ABG1134

Product Overview

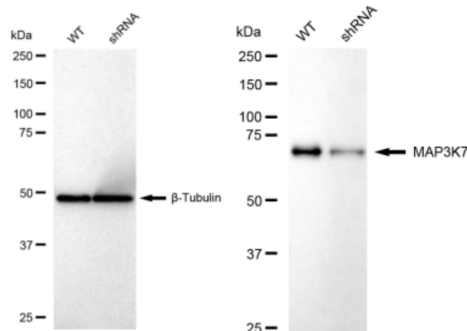
Name	KD-Validated Anti-MAP3K7 Rabbit Monoclonal Antibody
Accession(Primary)	O43318
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human TAK1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 67 kDa , observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (O43318)

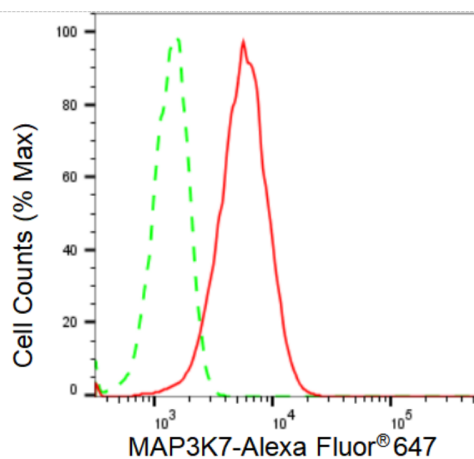
Gene Name	MAP3K7
About Gene Symbol	MAP3K7 (Mitogen-Activated Protein Kinase Kinase Kinase 7) is a mitogen-activated protein kinase involved in MAPK/ERK signaling and TGF-β signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



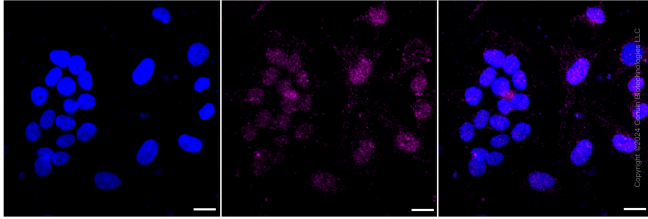
Western blotting analysis using anti-MAP3K7 antibody (Cat#ABG1134). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MAP3K7 antibody (Cat#ABG1134, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-MAP3K7 antibody (Cat#ABG1134). MAP3K7 expression in wild type (WT) and MAP3K7 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-MAP3K7 antibody (Cat#ABG1134, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of MAP3K7 expression in HeLa cells using MAP3K7 antibody (Cat#ABG1134, 1:2,000). Green, isotype control; red, MAP3K7.



Immunocytochemical staining of HeLa cells with MAP3K7 antibody (Cat#ABG1134, 1:1,000). Nuclei were stained blue with DAPI; MAP3K7 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Very low. Scale bar: 20 μ m.