

KD-Validated Anti-MLKL Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

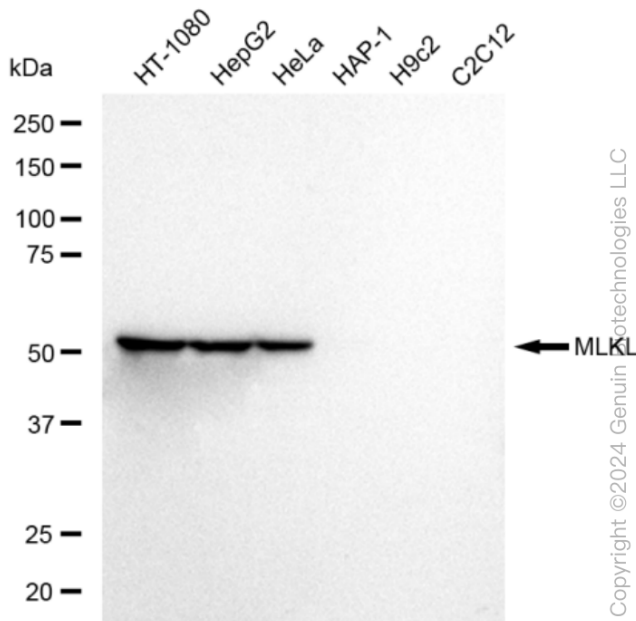
ABG1258

Product Overview

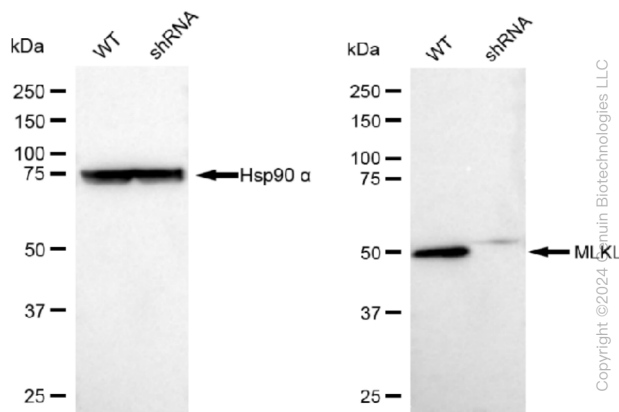
Name	KD-Validated Anti-MLKL Rabbit Monoclonal Antibody
Accession(Primary)	Q8NB16
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MLKL
Species Reactivity	Human
Calculated MW	Predicted, 54 kDa , observed, 54 kDa
Storage Buffer	Supplied in PBS (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 (Q8NB16)

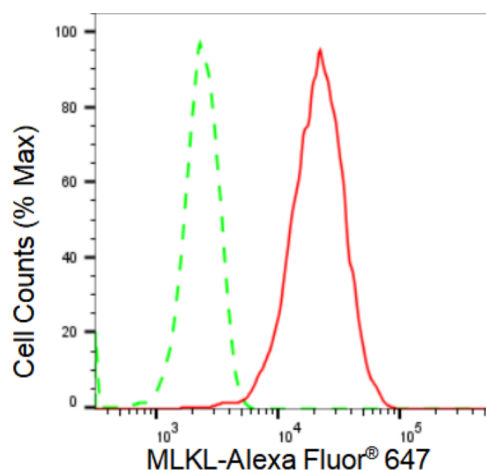
Gene Name	MLKL
About Gene Symbol	MLKL (Mixed Lineage Kinase Domain-Like Protein) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



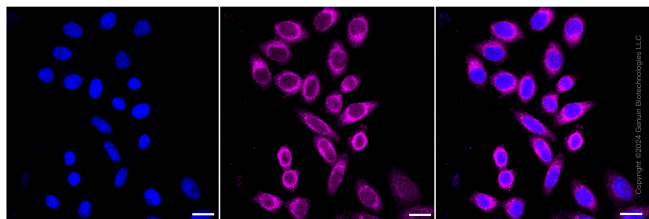
Western blotting analysis using anti-MLKL antibody (Cat#ABG1258). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MLKL antibody (Cat#ABG1258, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-MLKL antibody (Cat#ABG1258). MLKL expression in wild type (WT) and MLKL shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MLKL antibody (Cat#ABG1258, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of MLKL expression in HepG2 cells using MLKL antibody (Cat#ABG1258, 1:2,000). Green, isotype control; red, MLKL.



Immunocytochemical staining of HepG2 cells with MLKL antibody (Cat#ABG1258, 1:1,000). Nuclei were stained blue with DAPI; MLKL 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.