

KD-Validated Anti-Phospho-MEK1 (S298) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

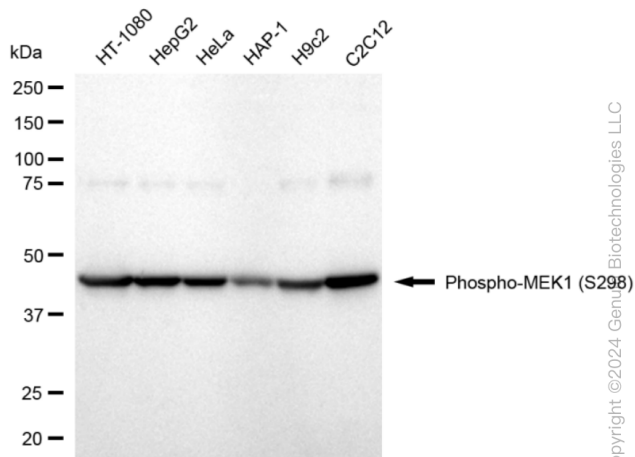
ABG1596

Product Overview

Name	KD-Validated Anti-Phospho-MEK1 (S298) Rabbit Monoclonal Antibody
Accession(Primary)	Q02750
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-MEK1 (S298)
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 43 kDa , observed , 45 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): 1:100-1:1,000

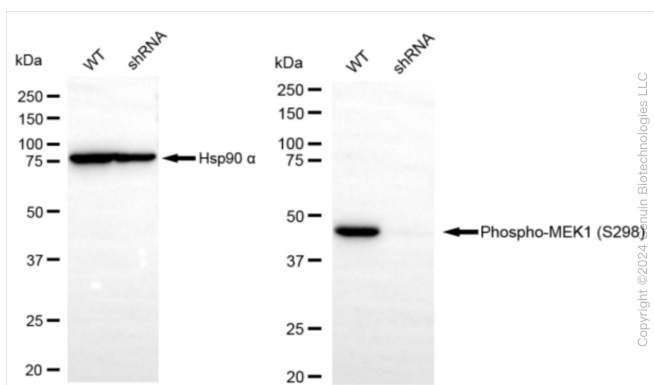
Target information (Q02750)

Gene Name	MAP2K1
About Gene Symbol	MAP2K1 (Mitogen-Activated Protein Kinase Kinase 1) 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.



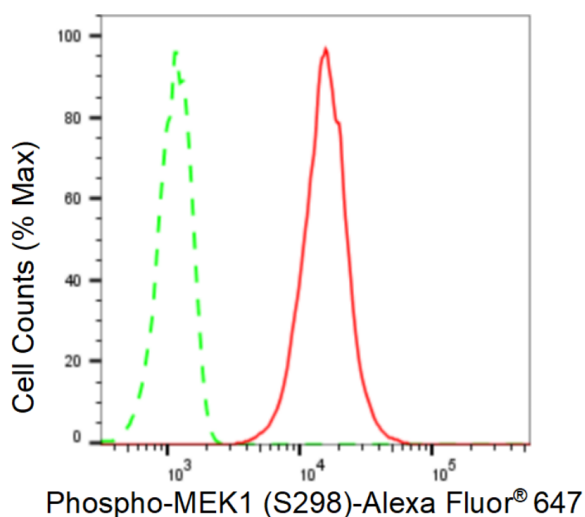
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Western blotting analysis using anti-Phospho-MEK1 (S298) antibody (Cat#ABG1596). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-MEK1 (S298) antibody (Cat#ABG1596, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



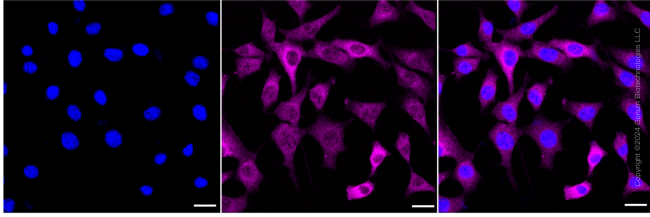
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Western blotting analysis using anti-Phospho-MEK1 (S298) antibody (Cat#ABG1596). Phospho-MEK1 (S298) expression in wild type (WT) and Phospho-MEK1 (S298) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Phospho-MEK1 (S298) antibody (Cat#ABG1596, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Phospho-MEK1 (S298) expression in C2C12 cells using Phospho-MEK1 (S298) antibody (Cat#ABG1596, 1:2,000). Green, isotype control; red, Phospho-MEK1 (S298).



Immunocytochemical staining of C2C12 cells with anti-Phospho-MEK1 (S298) antibody (Cat#ABG1596, 1:1,000). Nuclei were stained blue with DAPI; Phospho-MEK1 (S298) 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.