

KD-Validated Anti-CMPK1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

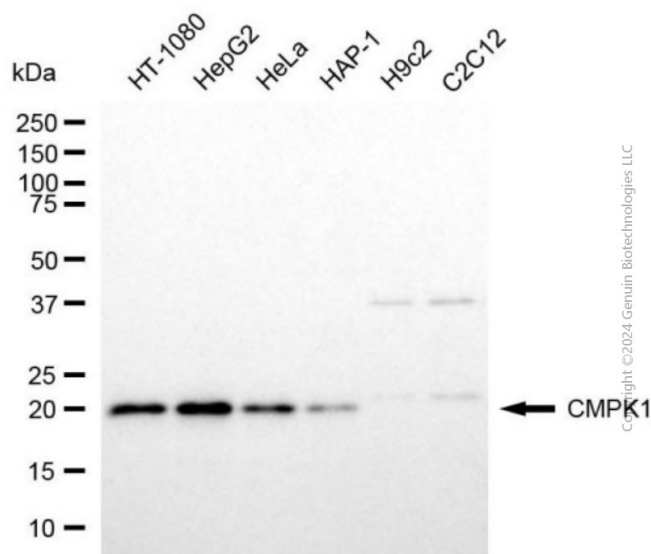
ABG2013

Product Overview

Name	KD-Validated Anti-CMPK1 Mouse Monoclonal Antibody
Accession(Primary)	P30085
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CMPK1
Species Reactivity	Human
Calculated MW	Predicted, 22 kDa, observed, 20 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500 Flow Cytometry (FCM): 1:1,000

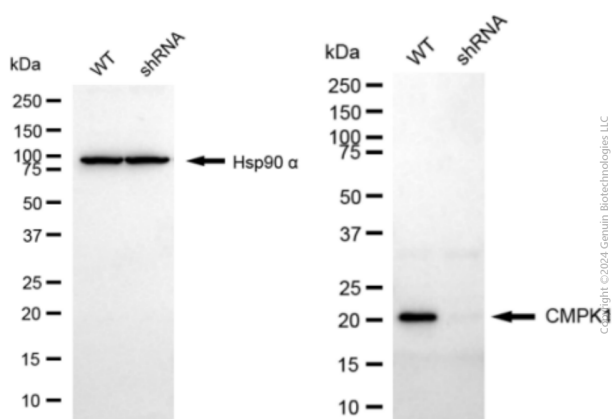
Target information (P30085)

Gene Name	CMPK1
About Gene Symbol	CMPK1 (Cytidine/Uridine Monophosphate Kinase 1) 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.



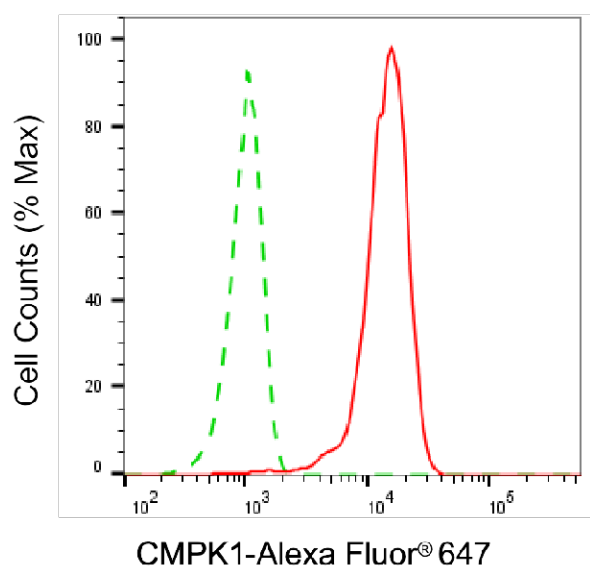
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Western blotting analysis using anti-CMPK1 antibody (Cat#ABG2013). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CMPK1 antibody (Cat#ABG2013, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-CMPK1 antibody (Cat#ABG2013). CMPK1 expression in wild type (WT) and CMPK1 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-CMPK1 antibody (Cat#ABG2013, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of CMPK1 expression in HepG2 cells using anti-CMPK1 antibody (Cat#ABG2013, 1:1,000). Green, isotype control; red, CMPK1.