

Product Name: KD-Validated CMPK1 Mouse Monoclonal Antibody**Catalog #: KVA00586**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:100-1:1,000; ICC 1:100-1:500
Molecular Weight	Calculated MW: 22.2kDa

Antigen Information

Gene Name	CMPK1
Alternative Names	CMPK1; Cytidine/Uridine Monophosphate Kinase 1; UMP-CMP Kinase; UMP/CMP Kinase; UMP-CMPK; CMPK; Cytidine Monophosphate (UMP-CMP) Kinase 1, Cytosolic; Uridine Monophosphate/Cytidine Monophosphate Kinase; Nucleoside-Diphosphate Kinase; Deoxycytidylate Kinase; Cytidylate Kinase; DCMP Kinase; EC 2.7.4.14; UMPK; CMK; UMK; CK; Cytidine Monophosphate Kinase; Uridine Monophosphate Kinase; EC 2.7.4.6; UMP/CMPK; EC 2.7.4; UCK
Gene ID	51727.0
SwissProt ID	P30085
Immunogen	Recombinant protein of human CMPK1

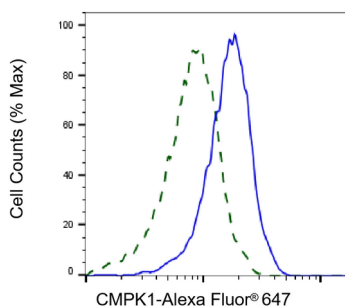
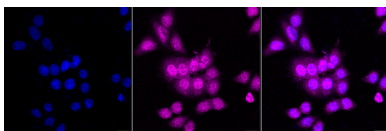
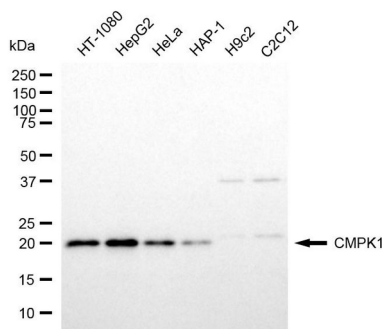
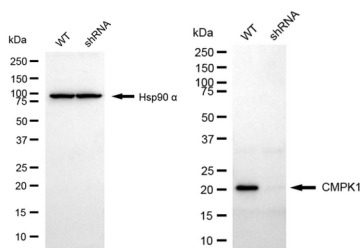
Background

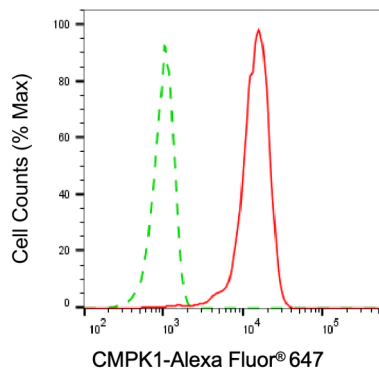
This gene encodes one of the enzymes required for cellular nucleic acid biosynthesis. This enzyme catalyzes the transfer of a phosphate group from ATP to CMP, UMP, or dCMP, to form the corresponding diphosphate nucleotide. Alternate splicing results in both coding and non-coding transcript variants. [provided by RefSeq, Feb 2012]

Research Area

Epigenetics and Nuclear Signaling, Metabolism

Image Data





Flow cytometric analysis of CMPK1 expression in HepG2 cells using CMPK1 antibody (KVA00586, 1:1,000). Green, isotype control; red, CMPK1.