

À des fins de recherche uniquement

Anticorps Monoclonal anti-CMPK1

Numéro de catalogue: 67519-1-Ig



Informations de base

Numéro de catalogue: 67519-1-Ig	Numéro d'acquisition GenBank: BC014961	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1200 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 51727	CloneNo.: 2D11G7
Hôte: Mouse	Nom complet: cytidine monophosphate (UMP-CMP) kinase 1, cytosolic	Dilutions recommandées: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2b	MW calculé 228 aa, 26 kDa	
Immunogen Catalog Number: AG30084	MW observés: 22-26 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules HeLa, cellules HEK-293, cellules Jurkat IF : cellules HeLa,
Spécificité de l'espèce: Humain	

Informations générales

Pyrimidine nucleoside monophosphate kinase [UMP/CMP kinase (UMP/CMPK)] (CMPK1) is also named as CMK, CMPK, UCK, UMK, UMPK and belongs to the adenylate kinase family. It plays a crucial role in the formation of UDP, CDP, and dCDP, which are required for cellular nucleic acid synthesis (PMID:11912132). CMPK1 can use a broad spectrum of phosphate donors but the best phosphate donors are ATP and dATP. CMPK1 has been reported as a prognostic marker for non-small cell lung cancer, pancreatic cancer and breast cancer (PMID: 21642870, 22838950, 27558661). The longest deduced protein contains 228 amino acids and has a calculated molecular mass of 26 kDa. However, translation likely begins at the second initiation methionine, resulting in a protein of 196 amino acids (PMID:10462544). The shorter form is the endogenously translated protein (PMID:11912132). CMPK1 has 3 isoforms with the molecular mass of 22, 16 and 26 kDa.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

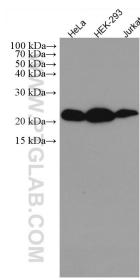
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

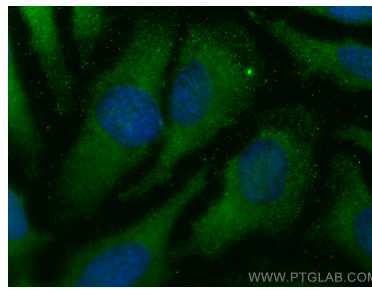
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67519-1-Ig (CMPK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CMPK1 antibody (67519-1-Ig, Clone: 2D11G7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).