

À des fins de recherche uniquement

Anticorps Monoclonal anti-CMPK1

Numéro de catalogue: **CL488-67519**



Informations de base

Numéro de catalogue:	Numéro d'acquisition GenBank:	Méthode de purification:
CL488-67519	BC014961	Purification par protéine A
Taille:	Identification du gène (NCBI):	CloneNo.:
100ul , Concentration: 1000 µg/ml by Nanodrop;	51727	2D11G7
Hôte:	Nom complet:	Dilutions recommandées:
Mouse	cytidine monophosphate (UMP-CMP) kinase 1, cytosolic	IF 1:50-1:500
Isotype:	MW calculé	Excitation/Emission maxima wavelengths:
IgG2b	228 aa, 26 kDa	493 nm / 522 nm
Immunogen Catalog Number:	MW observés:	
AG30084	22-26 kDa	

Applications

Applications testées:	Contrôles positifs:
IF	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 kD. 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

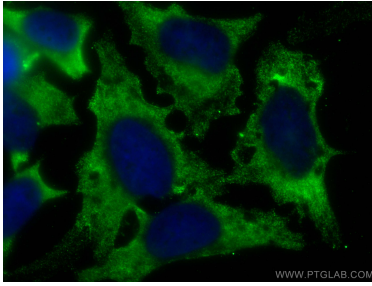
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** 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



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 CMPK1 antibody (CL488-67519, Clone: 2D11G7) at dilution of 1:200.