

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MRPL12



Numéro de catalogue: **CL647-14795**

Phare

Informations de base

Numéro de catalogue:

CL647-14795

Taille:

100ul, Concentration: 1 mg/mL by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6504

Numéro d'acquisition GenBank:

BC002344

Identification du gène (NCBI):

6182

Nom complet:

mitochondrial ribosomal protein L12

MW calculé

21 kDa

MW observés:

21 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

Humain, rat, souris

Informations générales

Mammalian MRPL12 was the first mitochondrial ribosomal protein to be characterized, and is encoded by a nuclear gene. The protein forms a homodimer, localizes predominantly to mitochondria and binds to the large mitochondrial ribosomal subunit [PMID:862670]. It is required for CycD/Cdk4-induced cell growth. In addition, forming a ribosomal stalk with MRPL7, MRPL12 is required for the recruitment of translation elongation factors Tu and G to the large ribosomal subunit [PMID:12370014]. It also a part of a novel regulatory mechanism that coordinates mitochondrial transcription with translation and/or ribosome biogenesis during human mitochondrial gene expression. The antibody reacts specifically with 21kDa MRPL12 protein.

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'aliquoteur n'est pas nécessaire pour le stockage à -20C

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

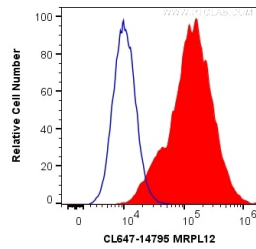
For technical support and original validation data for this product please contact:

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



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human MRPL12 (CL647-14795) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).