

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MRPL12



Numéro de catalogue: CL555-14795

Phare

Informations de base

Numéro de catalogue:

CL555-14795

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:

554 nm / 570 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'aliquotage n'est pas nécessaire pour le stockage à -20C

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

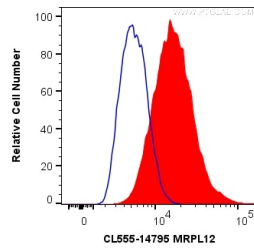
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Données de validation sélectionnées



1X10⁶ MCF-7 cells were intracellularly stained with 0.2 ug CoraLite® Plus 555 Anti-Human MRPL12 (CL555-14795) (red), or 0.2 ug CoraLite® Plus 555 Rabbit IgGControl Antibody (CL555-30000)(Blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).