

À des fins de recherche uniquement

# Anticorps Monoclonal anti-DHX37

Numéro de catalogue: **CL488-67853**



## Informations de base

Numéro de catalogue: CL488-67853	Numéro d'acquisition GenBank: BC037964	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 57647	CloneNo.: 2B12D9
Hôte: Mouse	Nom complet: DEAH (Asp-Glu-Ala-His) box polypeptide 37	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	MW calculé 1157 aa, 130 kDa	
Immunogen Catalog Number: AG29909	MW observés: 130-140 kDa	

## Applications

Applications testées:  
FC (Intra)  
Spécificité de l'espèce:  
Humain

## Informations générales

DHX37, also known as DDX37, KIAA1517. It is an ATP-bound RNA helicase that plays a role in the maturation of small ribosomal subunits in ribosomal biogenesis (PMID:30582406). The presence of DHX37 in early pre-ribosomal particles was monitored by a quality control pathway, and failure to recruit DHX37 resulted in pre-RRNA degradation. DHX37 binds directly to U3 small nucleolar RNA (snoRNA), and the catalytic activity of the helicase is required for dissociation of U3 small nucleolar RNA from the pre-ribosomal complex. In addition, it plays a role in early testicular development (PMID:31287541, PMID:31337883). It may also have an effect on brain development (PubMed:31256877). It is expressed in the fallopian tubes, ovaries, uterus, testes and brain (PMID: 31256877, PMID: 31337883).

## 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.

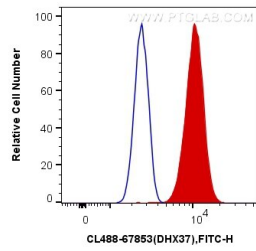
For technical support and original validation data for this product please contact:

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## Données de validation sélectionnées



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DHX37 (CL488-67853, Clone:2B12D9) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).