

À des fins de recherche uniquement

# Anticorps Monoclonal anti-EIF4A2

Numéro de catalogue: CL488-67799



## Informations de base

<b>Numéro de catalogue:</b> CL488-67799	<b>Numéro d'acquisition GenBank:</b> BC012547	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 1974	<b>CloneNo.:</b> 2D11E11
<b>Hôte:</b> Mouse	<b>Nom complet:</b> eukaryotic translation initiation factor 4A, isoform 2	<b>Dilutions recommandées:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>MW calculé</b> 408 aa, 46 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG9085	<b>MW observés:</b> 46 kDa	

## Applications

<b>Applications testées:</b> FC (Intra), IF	<b>Contrôles positifs:</b> IF : cellules HEK-293,
<b>Spécificité de l'espèce:</b> Humain, rat, souris	

## Informations générales

Eukaryotic initiation factor 4A (EIF4A) has an essential role in the binding of mRNA to the 43S preinitiation complex when protein synthesis begins, as EIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon. EIF4A2 is a ATP-dependent RNA helicase, which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome.

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière.  
**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)

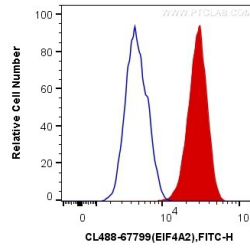
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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using CoraLite® Plus 488 EIF4A2 antibody (CL488-67799, Clone: 2D11E11 ) at dilution of 1:100.



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human EIF4A2 (CL488-67799, Clone:2D11E11) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).