

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IMP3

Numéro de catalogue: **CL647-66247**



## Informations de base

|                                                           |                                                                             |                                                            |
|-----------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------|
| Numéro de catalogue:<br>CL647-66247                       | Numéro d'acquisition GenBank:<br>BC020557                                   | Méthode de purification:<br>Purification par protéine A    |
| Taille:<br>100ul , Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI):<br>55272                                     | CloneNo.:<br>1E7D6                                         |
| Hôte:<br>Mouse                                            | Nom complet:<br>IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast) | Dilutions recommandées:<br>IF 1:50-1:500                   |
| Isotype:<br>IgG2b                                         | MW calculé<br>184 aa, 22 kDa                                                | Excitation/Emission maxima wavelengths:<br>654 nm / 674 nm |
| Immunogen Catalog Number:<br>AG23602                      | MW observés:<br>22 kDa                                                      |                                                            |

## Applications

|                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| Applications testées:<br>FC (Intra), IF    | Contrôles positifs:<br>IF : cellules HepG2, |
| Spécificité de l'espèce:<br>Humain, souris |                                             |

## Informations générales

IMP3 is a member of the insulin-like growth factor (IGF-II) mRNA binding protein (IMP) family that consist of IMP1, IMP2, and IMP3. IMP3 is an oncofetal protein associated with aggressive and advanced tumors and is specifically expressed in malignant tumors but not found in benign tissues [PMID:22497850]. IMP3 forms a ternary complex with IMP4 and MPP10 (MPHOSPH10) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing [PMID: 12655004].

## Stockage

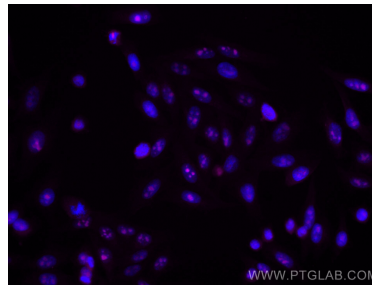
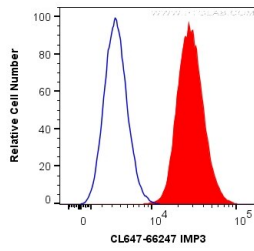
Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

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## Données de validation sélectionnées



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human IMP3 (CL647-66247, Clone:1E7D6) (red), or 0.2 ug isotype control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 647 IMP3 antibody (CL647-66247, Clone: 1E7D6 ) at dilution of 1:200.