

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HGS

Numéro de catalogue: **CL647-67818**



## Informations de base

|   |   |   |
|---|---|---|
| Numéro de catalogue:<br>CL647-67818                         | Numéro d'acquisition GenBank:<br>BC003565                                       | Méthode de purification:<br>Purification par protéine A       |
| Taille:<br>100ul, Concentration: 1000 µg/ml by<br>Nanodrop; | Identification du gène (NCBI):<br>9146  | CloneNo.:<br>3B10D6   |
| Hôte:<br>Mouse  | Nom complet:<br>hepatocyte growth factor-regulated<br>tyrosine kinase substrate | Dilutions recommandées:<br>IF 1:50-1:500                      |
| Isotype:<br>IgG2a   | MW calculé<br>86 kDa  | Excitation/Emission maxima<br>wavelengths:<br>654 nm / 674 nm |
| Immunogen Catalog Number:<br>AG28610                        |   |   |

## Applications

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

## Informations générales

Hepatocyte growth factor-regulated tyrosine kinase substrate (HGS, synonyms: HRS, ZFYVE8) is a 110 to 115-kDa zinc finger phosphotyrosine protein inducible by stimulation with interleukin 2 (IL-2), granulocyte-macrophage colony-stimulating factor (GM-CSF) as well as hepatocyte growth factor (HGF), and is associated with signal-transducing adaptor molecule (STAM). HGS suppresses DNA synthesis upon stimulation with IL-2 and GM-CSF, counteracting the function of STAM which is critical for cell growth signaling mediated by the cytokines. HGS also interacts with the neurofibromatosis 2 tumor suppressor protein schwannomin/merlin. The growth suppression activity of schwannomin/merlin requires HGS and the binding of schwannomin/merlin to HGS facilitates its ability to function as a tumor suppressor, probably by inhibiting STAT activation.

## 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:

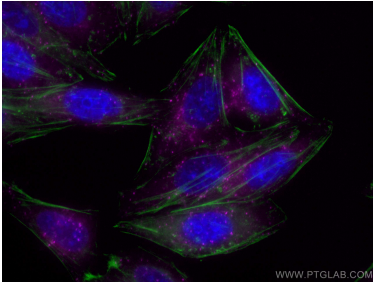
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 647 HGS antibody (CL647-67818, Clone: 3B10D6 ) at dilution of 1:100, CoraLite® 488 Beta Actin antibody (CL488-66009, Clone: 2D4H5, green).