

À des fins de recherche uniquement

# Anticorps Monoclonal anti-MCM4

Numéro de catalogue: **CL488-67103**



## Informations de base

|                                                           |                                                                |                                                            |
|-----------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|
| Numéro de catalogue:<br>CL488-67103                       | Numéro d'acquisition GenBank:<br>BC031061                      | Méthode de purification:<br>Purification par protéine A    |
| Taille:<br>100ul , Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI):<br>4173                         | CloneNo.:<br>2H2A1                                         |
| Hôte:<br>Mouse                                            | Nom complet:<br>minichromosome maintenance complex component 4 | Excitation/Emission maxima wavelengths:<br>493 nm / 522 nm |
| Isotype:<br>IgG2b                                         | MW calculé<br>863 aa, 97 kDa                                   |                                                            |
| Immunogen Catalog Number:<br>AG28642                      | MW observés:<br>97 kDa                                         |                                                            |

## Applications

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

## Informations générales

DNA replication licensing factor MCM4 (MCM4), also named Cdc21, acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity.

## Stockage

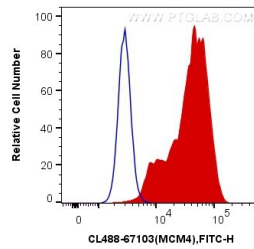
Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* 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 MCM4 (CL488-67103, Clone:2H2A1) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).