

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MCT4



Numéro de catalogue: **CL488-22787**

Phare

## Informations de base

<b>Numéro de catalogue:</b> CL488-22787	<b>Numéro d'acquisition GenBank:</b> BC112269	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul, Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 9123	<b>Dilutions recommandées:</b> IF 1:300-1:1200
<b>Hôte:</b> Lapin	<b>Nom complet:</b> solute carrier family 16, member 3 (monocarboxylic acid transporter 4)	<b>Excitation/Emission maximum wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>MW calculé:</b> 465 aa, 49 kDa	
<b>Immunogen Catalog Number:</b> AG18788	<b>MW observés:</b> 38-42 kDa	

## Applications

<b>Applications testées:</b> FC (Intra), IF	<b>Contrôles positifs:</b> IF : cellules HepG2,
<b>Spécificité de l'espèce:</b> Humain, rat	

## Informations générales

The monocarboxylate transporter 4 (MCT4, also known as SLC16A3) is involved in the transportation of metabolically important monocarboxylates such as lactate, pyruvate, acetate and ketone bodies. It is widely expressed, particularly strongly in glycolytic tissues such as white skeletal muscle fibres, astrocytes, white blood cells, chondrocytes and some mammalian cell lines. MCT4 is also linked to tumor biology because it mediates lactate transport across membranes resulting in antiapoptotic effects.

## 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.**

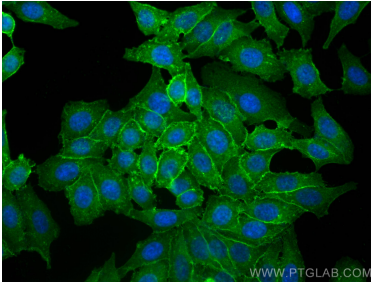
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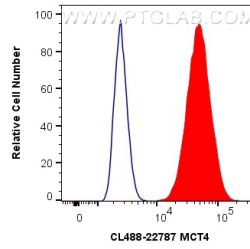
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 MCT4 antibody (CL488-22787) at dilution of 1:600.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human MCT4 (CL488-22787) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).