

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TIP47



Numéro de catalogue: **CL488-10694**

## Informations de base

<b>Numéro de catalogue:</b> CL488-10694	<b>Numéro d'acquisition GenBank:</b> BC007566	<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> 10226	<b>Dilutions recommandées:</b> IF 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> mannose-6-phosphate receptor binding protein 1	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>MW calculé</b> 47 kDa	
<b>Immunogen Catalog Number:</b> AG1028	<b>MW observés:</b> 47 kDa	

## Applications

<b>Applications testées:</b> FC (Intra), IF	<b>Contrôles positifs:</b> IF : cellules HeLa traitées à l'acide oléique, oleic acid treated HUVEC cells
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

Mannose 6-phosphate receptors (M6PRs) transport newly synthesized lysosomal hydrolases from the Golgi to prelysosomes and then return to the Golgi for another round of transport. M6PRBP1 (mannose-6-phosphate receptor binding protein 1), also known as TIP47, PLIN3 or PP17, interacts with the cytoplasmic domains of both cation-independent and cation-dependent M6PRs, and is required for endosome-to-Golgi transport. In addition to M6PR recycling, M6PRBP1 plays a role in lipid droplet biogenesis, and is also implicated in rhodopsin photobleaching and viral infection. M6PRBP1 has been found to be expressed in a variety of human tissues (including colon, liver and lung parenchyme, mammary gland, and skin) and is overexpressed in certain cancer cell lines. It binds to lipid droplets and also occurs in cytosol and on endosomal membranes.

## 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.**

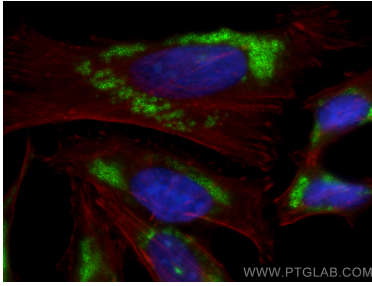
For technical support and original validation data for this product please contact:

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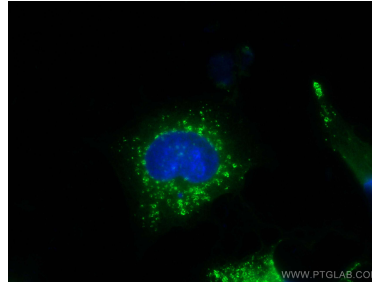
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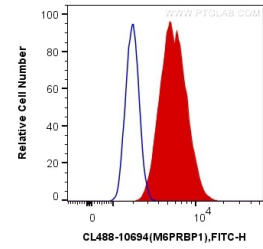
## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HeLa cells using CoraLite® Plus 488 TIP47 antibody (CL488-10694) at dilution of 1:200, CL594-Phalloidin (red).



Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HUVEC cells using CoraLite® Plus 488 TIP47 antibody (CL488-10694) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human TIP47 (CL488-10694) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).