

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ACC1

Numéro de catalogue: **CL647-67373**



## Informations de base

|   |  |   |
|---|--|---|
| Numéro de catalogue:<br>CL647-67373                             | Numéro d'acquisition GenBank:<br>BC137287              | Méthode de purification:<br>Purification par protéine A       |
| Taille:<br>100ul , Concentration: 1000 µg/ml by 31<br>Nanodrop; | Identification du gène (NCBI):<br>31                   | CloneNo.:<br>1A11G10  |
| Hôte:<br>Mouse  | Nom complet:<br>acetyl-Coenzyme A carboxylase<br>alpha | Excitation/Emission maxima<br>wavelengths:<br>654 nm / 674 nm |
| Isotype:<br>IgG2a   | MW calculé<br>2383 aa, 275 kDa                         |   |
| Immunogen Catalog Number:<br>AG17503                            | MW observés:<br>260-270 kDa                            |   |

## Applications

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

## Informations générales

ACACA (Acetyl-CoA carboxylase 1, ACC), also named as ACAC, ACC1 and ACCA, belongs to the biotin containing enzyme family. It catalyzes the synthesis of malonyl-CoA, which is an intermediate substrate playing a pivotal role in the regulation of fatty acid metabolism and energy production. ACACA is involved in the biosynthesis of fatty acids, and malonyl-CoA produced is used as a building block to extend the chain length of fatty acids by fatty acid synthase (FAS) (PMID:19900410). It has 4 isoforms produced by alternative promoter usage with the molecular weight between 260 kDa and 270 kDa.

## 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.**

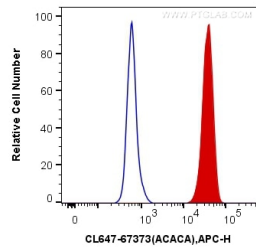
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## Données de validation sélectionnées



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 647 Anti-Human ACC1 (CL647-67373, Clone:1A11G10) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).