

Nur für Forschungszwecke

# ACC1 Monoklonaler Antikörper

Katalog-Nr.:CL647-67373



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-67373	<b>GenBank-Zugangsnummer:</b> BC137287	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von31 Nanodrop;	<b>GeneID (NCBI):</b> 1A11G10	<b>CloneNo.:</b> 1A11G10
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> acetyl-Coenzyme A carboxylase alpha	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 2383 aa, 275 kDa	
<b>Immunogen Katalognummer:</b> AG17503	<b>Beobachtete Masse:</b> 260-270 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## Hintergrundinformationen

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.

## Lagerung

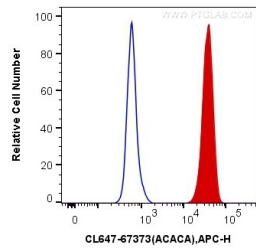
**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



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).