

Nur für Forschungszwecke

# NDUFS1 Monoklonaler Antikörper

Katalog-Nr.:CL488-68253



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-68253	<b>GenBank-Zugangsnummer:</b> BC030833	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von4719 Nanodrop;	<b>GeneID (NCBI):</b> 4719	<b>CloneNo.:</b> 3H5E8
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH- coenzyme Q reductase)	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 727 aa, 79 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG3135	<b>Beobachtete Masse:</b> 68-81 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HepG2-Zellen,
<b>Getestete Reaktivität:</b> Hausschwein, Human, Kaninchen, Maus, Ratte	

## Hintergrundinformationen

The multisubunit NADH:ubiquinone oxidoreductase (75 kDa subunit, mitochondrial)(NDUFS1) is the first enzyme complex in the electron transport chain of mitochondria. It is also named as Complex I-75kD. By use of chaotropic agents, complex I can be fragmented into 3 different fractions: a flavoprotein fraction, an iron-sulfur protein (IP) fraction, and a hydrophobic protein (HP) fraction. NDUFS1 is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. NDUFS1 has some isoforms with the molecular mass of 68-81 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**

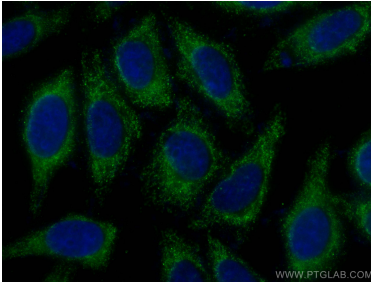
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

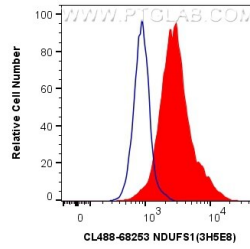
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Coralite® Plus 488 NDUFS1 antibody (CL488-68253, Clone: 3H5E8 ) at dilution of 1:200.



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human NDUFS1 (CL488-68253, Clone:3H5E8) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).