

Nur für Forschungszwecke

MFN1 Monoklonaler Antikörper

Katalog-Nr.:CL594-66776



Allgemeine Informationen

Katalog-Nr.: CL594-66776	GenBank-Zugangsnummer: BC040557	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von	GeneID (NCBI): 55669	CloneNo.: 3F11C11
Nanodrop;	Vollständiger Name: mitofusin 1	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Maus	Berechnete Masse: 741 aa, 84 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Isotyp: IgG2a	Beobachtete Masse: 84 kDa	
Immunogen Katalognummer: AG4890		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HepG2-Zellen, T-47D-Zellen
Getestete Reaktivität: Human	

Hintergrundinformationen

Mitofusin-1 (MFN1) is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). Mitofusins are large predicted GTPases located in outer mitochondrial membrane. They are essential for outer membrane fusion by interacting with each other to facilitate mitochondrial targeting. The mitofusins are the first known protein mediator of mitochondrial fusion, and mediate developmentally regulated post-meiotic fusion of mitochondria. Mitofusin 1 and mitofusin 2 are ubiquitinated in a PINK1/parkin-dependent manner upon induction of mitophagy(PMID: 20871098).

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**

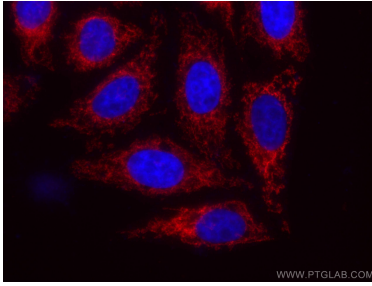
For technical support and original validation data for this product please contact:

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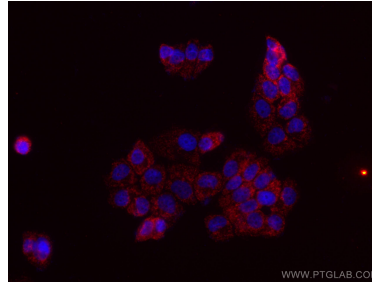
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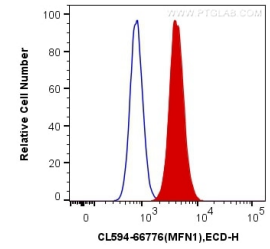
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite@594-conjugated MFN1 antibody (CL594-66776, Clone: 3F11C11) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed T-47D cells using Coralite@594-conjugated MFN1 antibody (CL594-66776, Clone: 3F11C11) at dilution of 1:100.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Coralite@594 Anti-Human MFN1 (CL594-66776, Clone:3F11C11) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).