

À des fins de recherche uniquement

Anticorps Monoclonal anti-MFN1

Numéro de catalogue: CL594-66776



Informations de base

Numéro de catalogue: CL594-66776	Numéro d'acquisition GenBank: BC040557	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 55669	CloneNo.: 3F11C11
Hôte: Mouse	Nom complet: mitofusin 1	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé: 741 aa, 84 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG4890	MW observés: 84 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HepG2, cellules T-47D
Spécificité de l'espèce: Humain	

Informations générales

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).

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.**

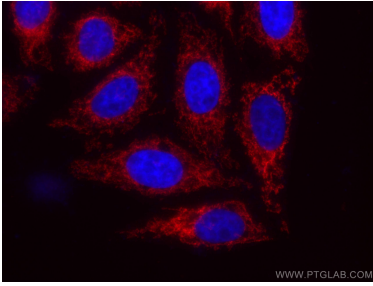
For technical support and original validation data for this product please contact:

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

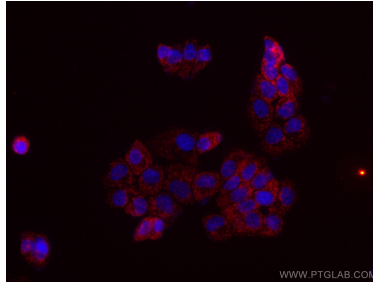
E: proteintech@ptglab.com
W: ptglab.com

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

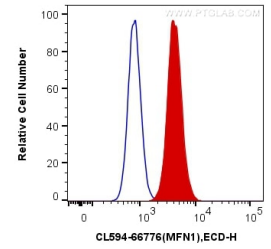
Données de validation sélectionnées



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).