

À des fins de recherche uniquement

Anticorps Monoclonal anti-NDUFS1

Numéro de catalogue: CL488-68253



Informations de base

Numéro de catalogue: CL488-68253	Numéro d'acquisition GenBank: BC030833	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4719	CloneNo.: 3H5E8
Hôte: Mouse	Nom complet: NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH- coenzyme Q reductase)	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 727 aa, 79 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG3135	MW observés: 68-81 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HepG2,
Spécificité de l'espèce: Humain, Lapin, porc, rat, souris	

Informations générales

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.

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.**

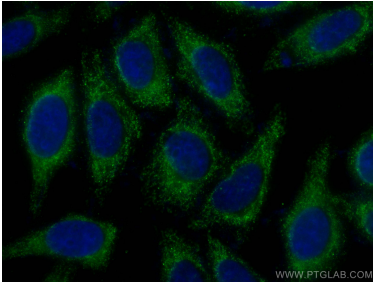
For technical support and original validation data for this product please contact:

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

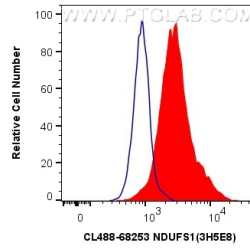
E: proteintech@ptglab.com
W: ptglab.com

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



1X10⁶ 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).