

À des fins de recherche uniquement

Anticorps Monoclonal anti-CISD1

Numéro de catalogue: CL488-68030



Informations de base

Numéro de catalogue: CL488-68030	Numéro d'acquisition GenBank: BC007043	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 55847	CloneNo.: 1D7E3
Hôte: Mouse	Nom complet: CDGSH iron sulfur domain 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	MW calculé: 108 aa, 12 kDa	
Immunogen Catalog Number: AG8560	MW observés: 14-17 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, Lapin, poulet, rat, souris

Informations générales

MitoNEET, also named CISD1, belongs to a previously uncharacterized ancient family of proteins for which the hallmark is the presence of a unique 39 amino acid CDGSH domain. It is a single-pass type III membrane protein, located in mitochondrion outer membrane and may play a role in regulating maximal capacity for electron transport and oxidative phosphorylation. MitoNEET is a recently identified drug target for a commonly prescribed diabetes drug, Pioglitazone. This antibody recognizing MitoNEET (calculated 12 kDa) as a 17 kDa protein may be due to its posttranslational modification or metal binding activity.

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.

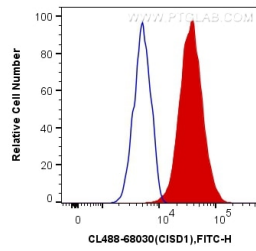
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Données de validation sélectionnées



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human CISD1 (CL488-68030, Clone:1D7E3) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).