

À des fins de recherche uniquement

Anticorps Monoclonal anti-PGC1 α

Numéro de catalogue: CL488-66369

Phare



Informations de base

Numéro de catalogue: CL488-66369	Numéro d'acquisition GenBank: NM_013261	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 10891	CloneNo.: 1C1B2
Hôte: Mouse	Nom complet: peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	Dilutions recommandées: IF 1:200-1:800
Isotype: IgG1	MW calculé 91 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm

Applications

Applications testées:
FC (Intra), IF
Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:
IF : cellules HeLa,

Informations générales

PPARGC1A, also named as Peroxisome proliferator-activated receptor gamma coactivator 1-alpha, is a 798 amino acid protein, which contains 1 RRM (RNA recognition motif) domain and localizes in the nucleus. PPARGC1A is transcriptional coactivator for steroid receptors and nuclear receptors. PPARGC1A can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis and plays an essential role in metabolic reprogramming in response to dietary availability through coordination of the expression of a wide array of genes involved in glucose and fatty acid metabolism. PPARGC1A exists as isoforms in the liver and the molecular weight of it is 77 kDa. Except for a deletion of 127 amino acids at the N terminus, the protein, termed L-PGC-1 α , is identical to PGC-1.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
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.

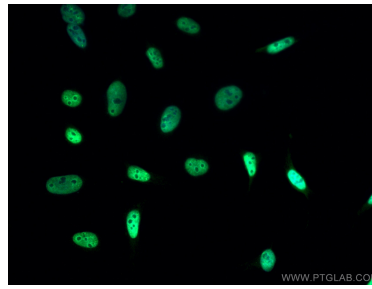
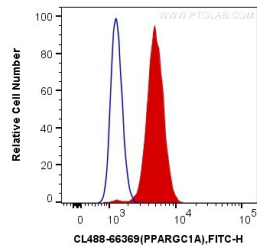
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Données de validation sélectionnées



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human PGC1a (CL488-66369, Clone:1C1B2) (red), or 0.2 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 PGC1a antibody (CL488-66369, Clone: 1C1B2) at dilution of 1:400.