

Nur für Forschungszwecke

PGC1a Monoklonaler Antikörper

Katalog-Nr.:CL488-66369

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL488-66369	GenBank-Zugangsnummer: NM_013261	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von10891 Nanodrop;	GeneID (NCBI): 10891	CloneNo.: 1C1B2
Wirt: Maus	Vollständiger Name: peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	Empfohlene Verdünnungen: IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 91 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HeLa-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
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

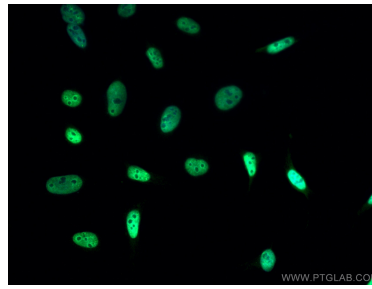
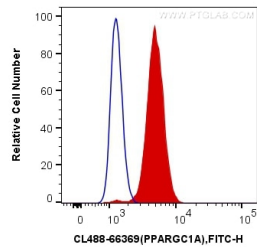
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



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.