

À des fins de recherche uniquement

Anticorps Monoclonal anti-ACO2

Numéro de catalogue: CL594-67509



Informations de base

Numéro de catalogue: CL594-67509	Numéro d'acquisition GenBank: BC014092	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by 50 Nanodrop;	Identification du gène (NCBI): 50	CloneNo.: 1F1G4
Hôte: Mouse	Nom complet: aconitase 2, mitochondrial	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG1	MW calculé 85 kDa	
Immunogen Catalog Number: AG17784	MW observés: 85 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, porc, rat, souris

Informations générales

ACO2(aconitase hydratase, mitochondrial) is also named as citrate hydro-lyase and belongs to the aconitase/IPM isomerase family. It plays a key function in cellular energy production, and loss of its activity has a major impact on cellular and organismal survival. Western blot shows two bands of 83 kDa and 40 kDa. The 40 kDa fragment decreases with age and oxidative stress, whereas other fragmentation products with molecular weights between 40 and 83 kDa increased with age and MnSOD(mitochondrial manganese superoxide dismutase) deficiency(PMID:12459471). Defects in ACO2 are the cause of infantile cerebellar-retinal degeneration (ICRD).

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.

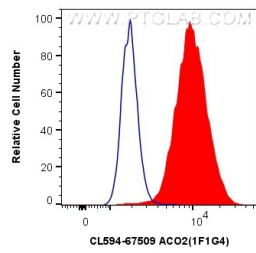
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



1X10⁶ HeLa cells were intracellularly stained with 0.8 ug Coralite®594 Anti-Human ACO2 (CL594-67509, Clone:1F1G4) (red), or 0.8 ug Coralite®594 Mouse IgG1 Isotype Control (MOPC-21) (CL594-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).