

À des fins de recherche uniquement

Anticorps Monoclonal anti-HADHB

Numéro de catalogue: **CL594-67967**



Informations de base

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| Numéro de catalogue: CL594-67967 | Numéro d'acquisition GenBank: BC017564 | Méthode de purification: Purification par protéine A |
| Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI): 3032 | CloneNo.: 1D12F4 |
| Hôte: Mouse | Nom complet: hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit | Dilutions recommandées: IF 1:50-1:500 |
| Isotype: IgG2b | MW calculé: 51 kDa | Excitation/Emission maxima wavelenghts: 588 nm / 604 nm |
| Immunogen Catalog Number: AG30315 | MW observés: 47 kDa | |

Applications

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

Informations générales

HADHB, also named as TP- beta, Acetyl-CoA acyltransferase and Beta-ketothiolase, is a mitochondrial trifunctional enzyme subunit beta. Mitochondrial trifunctional enzyme catalyzes the last three of the four reactions of the mitochondrial beta-oxidation pathway. The mitochondrial beta-oxidation pathway is the major energy-producing process in tissues and is performed through four consecutive reactions breaking down fatty acids into acetyl-CoA. Among the enzymes involved in this pathway, the trifunctional enzyme exhibits specificity for long-chain fatty acids. Mitochondrial trifunctional enzyme is a heterotetrameric complex composed of two proteins, the trifunctional enzyme subunit alpha/HADHA carries the 2,3-enoyl-CoA hydratase and the 3-hydroxyacyl-CoA dehydrogenase activities, while the trifunctional enzyme subunit beta/HADHB described here bears the 3-ketoacyl-CoA thiolase activity. HADHB has 2 isoforms produced by alternative splicing with the MW of 49 kDa and 51 kDa.

Stockage

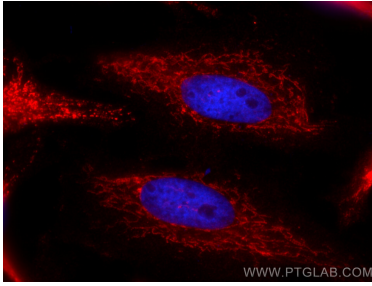
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

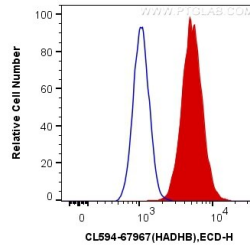
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 (4% PFA) fixed HeLa cells using CoraLite®594 HADHB antibody (CL594-67967, Clone: 1D12F4) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human HADHB (CL594-67967, Clone:1D12F4) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).