

À des fins de recherche uniquement

Anticorps Monoclonal anti-SQLE

Numéro de catalogue: **CL594-67206**



Informations de base

Numéro de catalogue:

CL594-67206

Numéro d'acquisition GenBank:

BC017033

Méthode de purification:

Purification par protéine A

Taille:

100ul, Concentration: 1000 µg/ml by

Nanodrop;

Identification du gène (NCBI):

6713

CloneNo.:

1C9A2

Hôte:

Mouse

Nom complet:

squalene epoxidase

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Isotype:

IgG2a

MW calculé

574 aa, 64 kDa

MW observés:

50-64 kDa

Immunogen Catalog Number:

AG3266

Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

Humain, porc, rat

Informations générales

SQLE, also named as ERG1, SE and SM, belongs to the squalene monooxygenase family. It catalyzes the first oxygenation step in cholesterol synthesis, acting on squalene before cyclization into the basic steroid structure. SQLE may serve as a flux-controlling enzyme beyond 3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMGR, considered as rate limiting). It is also posttranslationally regulated by cholesterol-dependent proteasomal degradation. SQLE is subject to feedback regulation via cholesterol-induced degradation, which depends on its lipid-sensing N terminal regulatory domain. Truncation of SQLE occurs during its endoplasmic reticulum-associated degradation and requires the proteasome, which partially degrades the SQLE N-terminus and eliminates cholesterol-sensing elements within this region. The MW of SQLE is about 50-64 kDa. (PMID:21356516, PMID:28972164)

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.

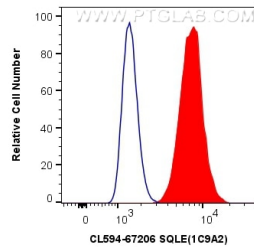
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human SQLE (CL594-67206, Clone:1C9A2) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).