

À des fins de recherche uniquement

Anticorps Monoclonal anti-DNASE1L3



Numéro de catalogue: **CL594-67041**

Informations de base

Numéro de catalogue: CL594-67041	Numéro d'acquisition GenBank: BC015831	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 1776	CloneNo.: 1A4D4
Hôte: Mouse	Nom complet: deoxyribonuclease I-like 3	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé: 305 aa, 36 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG28187	MW observés: 33-38 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HepG2,
Spécificité de l'espèce: Humain, souris	

Informations générales

Deoxyribonuclease 1-like 3 (DNASE1L3, DNase gamma, DNase Y, LS-DNase) is member of a DNASE1 protein family that is identified by similar biochemical properties such as Ca²⁺/Mg²⁺- dependency and an optimal pH of about 7.0 as well as by a high similarity in their nucleic acid and amino acid sequences [PMID:15796714]. It is an endonuclease and cleaves double-stranded DNA (and single-stranded DNA) producing 3'-OH/5'-P ends, which is Ca²⁺/Mg²⁺-dependent and inhibited by Zn²⁺, but not by monomeric actin [PMID:9665719]. In addition, it has been suggested to be involved in apoptotic DNA fragmentation of thymocytes' neuronal PC12 cells, C2C12 myoblasts and of cell lines expressing the recombinant nuclease [PMID: 7957253, 9307016]

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.**

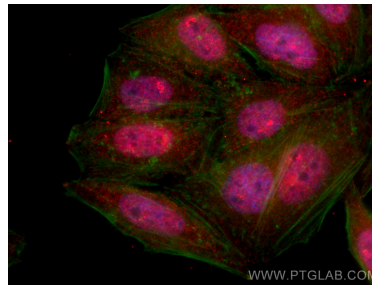
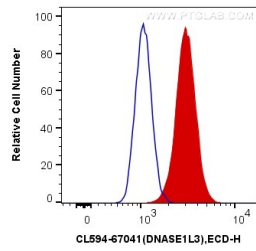
For technical support and original validation data for this product please contact:

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

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Données de validation sélectionnées



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human DNASE1L3 (CL594-67041, Clone:1A4D4) (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).

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 DNASE1L3 antibody (CL594-67041, Clone: 1A4D4) at dilution of 1:200, CL488-Phalloidin (green).