

À des fins de recherche uniquement

Anticorps Monoclonal anti-DNASE1L3



Numéro de catalogue: **CL488-67041**

Informations de base

Numéro de catalogue: CL488-67041	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: 493 nm / 522 nm
Immunogen Catalog Number: AG28187	MW observés: 33-38 kDa	

Applications

Applications testées: IF	Contrôles positifs: IF : cellules HeLa,
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:

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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® Plus 488 DNASE1L3 antibody (CL488-67041, Clone: 1A4D4) at dilution of 1:200.