

À des fins de recherche uniquement

Anticorps Monoclonal anti-Cystatin B

Numéro de catalogue: 66812-1-Ig



Informations de base

Numéro de catalogue: 66812-1-Ig	Numéro d'acquisition GenBank: BC003370	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 2300 µg/ml by Nanodrop and 1500 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1476	CloneNo.: 2G9B8
Hôte: Mouse	Nom complet: cystatin B (stefin B)	Dilutions recommandées: WB 1:1000-1:3000 IF 1:400-1:1600
Isotype: IgG1	MW calculé 11 kDa	
Immunogen Catalog Number: AG21291	MW observés: 11-14 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs:
Spécificité de l'espèce: Humain	WB : cellules U-937, cellules THP-1, tissu salivaire humain IF : cellules A431,

Informations générales

Cystatin B (CSTB), a member of the cystatin superfamily protein, is a stefin that functions as an intracellular thiol protease inhibitor and has been thought to play a role in protecting against the proteases leaking from lysosomes. CSTB plays various functions in a variety of diseases, including epithelial ovarian cancer, colon cancer, and myoclonus epilepsy. Evidence indicates that mutations in CSTB are responsible for the primary defects in patients with progressive myoclonic epilepsy (EPM1). One type of mutation responsible for EPM1 is the expansion in the promoter region of this gene of a CCCCCCGCG repeat from 2-3 copies to 30-78 copies.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % 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)

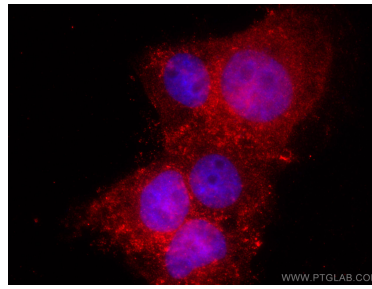
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



U-937 cells were subjected to SDS PAGE followed by western blot with 66812-1-Ig (Cystatin B antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Cystatin B antibody (66812-1-Ig, Clone: 2G9B8) at dilution of 1:800 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).