

Nur für Forschungszwecke

Cystatin B Monoklonaler Antikörper

Katalog-Nr.:66812-1-Ig



Allgemeine Informationen

Katalog-Nr.: 66812-1-Ig	GenBank-Zugangsnummer: BC003370	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 2300 µg/ml von1476 Nanodrop und 1500 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1476	CloneNo.: 2G9B8
Wirt: Maus	Vollständiger Name: cystatin B (stefin B)	Empfohlene Verdünnungen: WB 1:1000-1:3000 IF 1:400-1:1600
Isotyp: IgG1	Berechnete Masse: 11 kDa	
Immunogen Katalognummer: AG21291	Beobachtete Masse: 11-14 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB : U-937-Zellen, humanes Speichelgewebe, THP-1-Zellen IF : A431-Zellen,

Hintergrundinformationen

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 CCCCCCCCCG repeat from 2-3 copies to 30-78 copies.

Lagerung

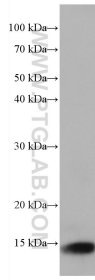
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

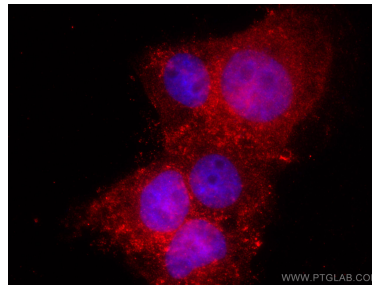
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



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).