

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CAPNS1

Numéro de catalogue: CL488-67838



## Informations de base

Numéro de catalogue: CL488-67838	Numéro d'acquisition GenBank: BC011903	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 826	CloneNo.: 2B6G6
Hôte: Mouse	Nom complet: calpain, small subunit 1	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 28 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG21885		

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules A431,
Spécificité de l'espèce: Humain, rat	

## Informations générales

CAPNS1 is also named as CANP, CDPS, CSS1, CANPS, CAPN4 and CALPAIN4. It is a member of the calpain small subunit family, and belongs to the calcium-dependent family. Calpains are calcium-dependent cysteine proteinases that are widely distributed in mammalian cells. The small regulatory subunit consists of an N-terminal domain, containing about 30% glycine residues and a C-terminal Ca-binding domain (PMID: 9228946). This encoded protein is essential for the stability and function of both calpain heterodimers, whose proteolytic activities influence various cellular functions including apoptosis, proliferation, migration, adhesion, and autophagy. Calpains have been implicated in neurodegenerative processes, such as myotonic dystrophy.

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière.  
**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.**

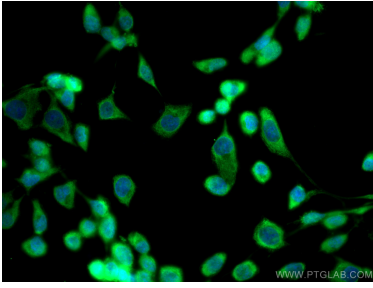
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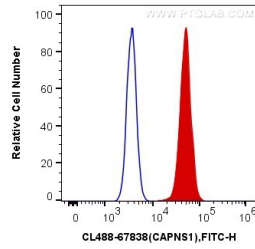
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite® Plus 488 CAPNS1 antibody (CL488-67838, Clone: 2B6G6) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CAPNS1 (CL488-67838, Clone:2B6G6) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).