

À des fins de recherche uniquement

Anticorps Monoclonal anti-Caspase 3/p17/p19



Numéro de catalogue: CL488-66470

Phare

Informations de base

Numéro de catalogue: CL488-66470	Numéro d'acquisition GenBank: BC016926	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 836	CloneNo.: 2G4B2
Hôte: Mouse	Nom complet: caspase 3, apoptosis-related cysteine peptidase	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 277 aa, 32 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG25029	MW observés: 32-35 kDa, 19 kDa, 17 kDa	

Applications

Applications testées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Contrôles positifs:

IF : tissu rénal humain, tissu cérébral de souris

Informations générales

Caspases, a family of endoproteases, are critical players in cell regulatory networks controlling inflammation and cell death. Initiator caspases (caspase-2, -8, -9, -10, -11, and -12) cleave and activate downstream effector caspases (caspase-3, -6, and -7), which in turn execute apoptosis by cleaving targeted cellular proteins. Caspase 3 (also named CPP32, SCA-1, and Apopain) proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at the beginning of apoptosis. Caspase 3 plays a key role in the activation of sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Caspase 3 can also form heterocomplex with other proteins and performs the molecular mass of 50-70 kDa. This antibody can recognize p17, p19 and p32 of Caspase 3.

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.

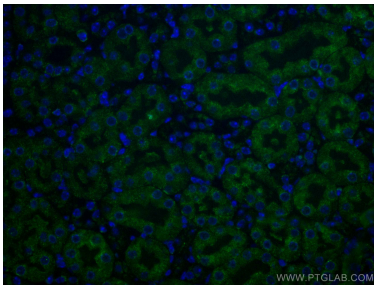
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

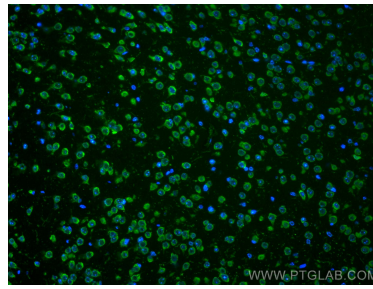
E: proteintech@ptglab.com
W: ptglab.com

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

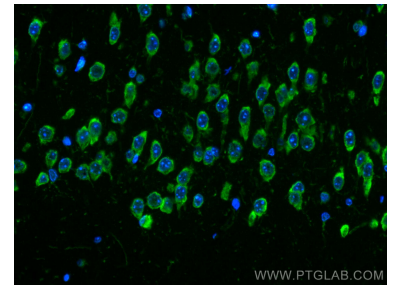
Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using CoraLite® Plus 488 Caspase 3/p17/p19 antibody (CL488-66470, Clone: 2G4B2) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 Caspase 3/p17/p19 antibody (CL488-66470, Clone: 2G4B2) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 Caspase 3/p17/p19 antibody (CL488-66470, Clone: 2G4B2) at dilution of 1:200.