

À des fins de recherche uniquement

Anticorps Monoclonal anti-FUS/TLS

Numéro de catalogue: CL488-68262



Informations de base

Numéro de catalogue: CL488-68262	Numéro d'acquisition GenBank: BC026062	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/mL by Nanodrop;	Identification du gène (NCBI): 2521	CloneNo.: 1B4F8
Hôte: Mouse	Nom complet: fusion (involved in t(12;16) in malignant liposarcoma)	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 75 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG2150	MW observés: 68-75 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : tissu cérébral de souris,
Spécificité de l'espèce: Humain, rat, souris	

Informations générales

FUS (also named TLS and POMp75) belongs to the RRM TET family. FUS may play a role in the maintenance of genomic integrity; it binds both single-stranded and double-stranded DNA and promotes ATP-independent annealing of complementary single-stranded DNAs and D-loop formation in superhelical double-stranded DNA. FUS is also an RNA-binding protein, and its links to neurodegenerative disease proffer the intriguing possibility that altered RNA metabolism or RNA processing may underlie or contribute to neuron degeneration[PMID: 22640227]. FUS may be a cause of angiomatoid fibrous histiocytoma (AFH) and is implicated in certain forms of amyotrophic lateral sclerosis (ALS) and frontotemporal dementias (FTDs) such as frontotemporal lobar dementia with ubiquitin inclusions (FTLD-U)(PMID: 22640227). Multiple phosphorylation on the N terminus of FUS caused that FUS was detected 68-75 kDa (PMID:24899704).

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.

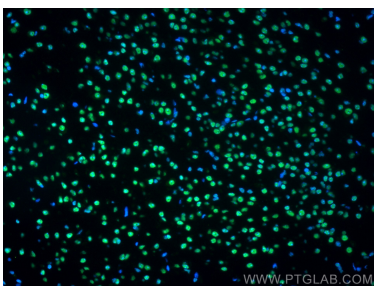
For technical support and original validation data for this product please contact:

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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.

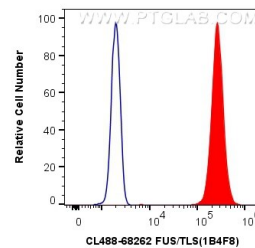
Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 FUS/TLS antibody (CL488-68262, Clone: 1B4F8) at dilution of 1:200.



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1X10⁶ K-562 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human FUS/TLS (CL488-68262, Clone:1B4F8) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).