

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PTBP1

Numéro de catalogue: CL594-67462



## Informations de base

Numéro de catalogue: CL594-67462	Numéro d'acquisition GenBank: BC013694	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5725	CloneNo.: 3D6D8
Hôte: Mouse	Nom complet: polypyrimidine tract binding protein 1	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 59 aa, 6 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG28404	MW observés: 60 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules A375,
Spécificité de l'espèce: Humain, rat, souris	

## Informations générales

Polypyrimidine tract-binding protein (PTBP1), also known as heterogeneous nuclear ribonucleoprotein type I (hnRNP I), is a nuclear protein that binds pre-mRNAs in specific regions of the hnRNA-protein complexes sensitive to micrococcal nuclease. It involves in pre-mRNA splicing and the regulation of alternative splicing events. PTBP1 promotes RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA, and promotes the binding of U2 snRNP to pre-mRNA. Besides, it can cooperate with RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA, and represses the splicing of MAPT/Tau exon 10.

## 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.**

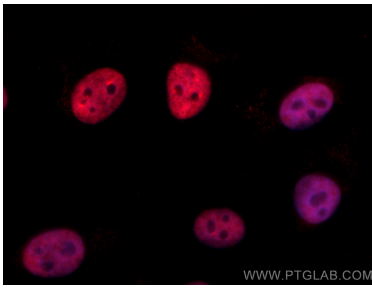
For technical support and original validation data for this product please contact:

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

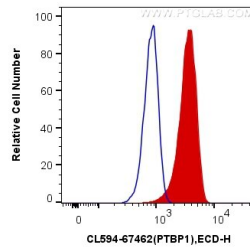
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W: [ptglab.com](http://ptglab.com)

**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 A375 cells using CoraLite®594 PTBP1 antibody (CL594-67462, Clone: 3D6D8) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human PTBP1 (CL594-67462, Clone:3D6D8) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).