

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IPO5

Numéro de catalogue: CL488-67962



## Informations de base

Numéro de catalogue:	CL488-67962	Numéro d'acquisition GenBank:	BC001497	Méthode de purification:	Purification par protéine G
Taille:	100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	3843	CloneNo.:	1E2B9
Hôte:	Mouse	Nom complet:	importin 5	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Isotype:	IgG1	MW observés:	124 kDa		
Immunogen Catalog Number:	AG30955				

## Applications

Applications testées:  
FC (Intra)  
Spécificité de l'espèce:  
Humain, rat, souris

## Informations générales

IPO5 is a member of the importin beta family. Structurally, the protein adopts the shape of a right-hand solenoid and is composed of 24 HEAT repeats. IPO5 facilitates cytoplasmic polyadenylation element-binding protein CPEB3 translocation by binding to the RRM1 motif of CPEB3 in neurons. NMDAR signaling increases RanBP1 expression and reduces the level of cytoplasmic GTP-bound Ran. These changes enhance CPEB3-IPO5 interaction, which consequently accelerates the nuclear import of CPEB3 and promotes its nuclear function.

## Stockage

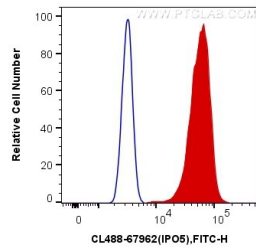
Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* 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



1X10<sup>6</sup> A431 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human IPO5 (CL488-67962, Clone:1E2B9) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).