

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TrpRS

Numéro de catalogue: CL488-67952



## Informations de base

Numéro de catalogue:	CL488-67952	Numéro d'acquisition GenBank:	BC017489	Méthode de purification:	Purification par protéine A
Taille:	100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	7453	CloneNo.:	1C6C3
Hôte:	Mouse	Nom complet:	tryptophanyl-tRNA synthetase	Dilutions recommandées:	IF 1:50-1:500
Isotype:	IgG2b	MW calculé:	471 aa, 53 kDa	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Immunogen Catalog Number:	AG31430	MW observés:	53 kDa		

## Applications

Applications testées:	FC (Intra), IF	Contrôles positifs:	IF : cellules MCF-7,
Spécificité de l'espèce:	Humain, rat, souris		

## Informations générales

Tryptophanyl-tRNA synthetase (WRS) is a cytosolic amino acyl-tRNA synthetase essential for protein synthesis. Full-length WRS is released during bacterial infection and primes the Toll-like receptor 4 (TLR4)-myeloid differentiation factor 2 (MD2) complex to elicit innate immune responses. Inside the nucleus, WRS stimulates DNA-dependent protein kinase, catalytic subunit (DNA-PKcs), activity via its WHEP domain, leading to the phosphorylation and activation of p53 (39) (PMID:30355684).

## 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.**

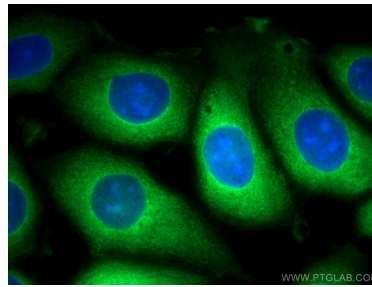
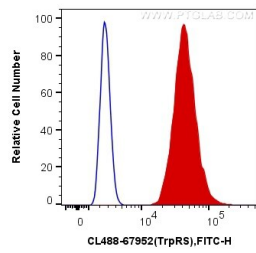
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Données de validation sélectionnées



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human TrpRS (CL488-67952, Clone:1C6C3) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using Coralite® Plus 488 TrpRS antibody (CL488-67952, Clone: 1C6C3) at dilution of 1:200.