

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PTPN11/SHP2



Numéro de catalogue: **CL488-66795**

## Informations de base

Numéro de catalogue: CL488-66795	Numéro d'acquisition GenBank: BC008692	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5781	CloneNo.: 3F8A8
Hôte: Mouse	Nom complet: protein tyrosine phosphatase, non-receptor type 11	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 597 aa, 68 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG13649	MW observés: 68 kDa	

## Applications

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

## Informations générales

PTPN11 (protein tyrosine phosphatase, non-receptor type 11) is also named as PTP-1D, PTP2, PTP2C, PTP3, SHP2, CFC, CFC, BPTP3, SH-PTP2, SH-PTP3, MGC14433 and belongs to the protein-tyrosine phosphatase family and non-receptor class 2 subfamily. It modulates and regulates signaling through numerous pathways, many of which are active in the developing endocardial cushions and implicated the ERK pathway as a central mechanism (PMID: 19017799). Its signaling may play equally important roles in retinal survival in both physiological and pathological conditions (PMID: 21576358). Defects in PTPN11 are the cause of LEOPARD syndrome type 1 (LEOPARD1), Noonan syndrome type 1 (NS1), juvenile myelomonocytic leukemia (JMML) and metachondromatosis (MC). It has 3 isoforms produced by alternative splicing.

## 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.**

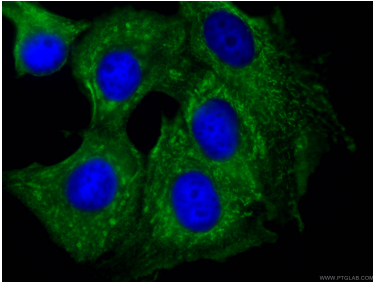
For technical support and original validation data for this product please contact:

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

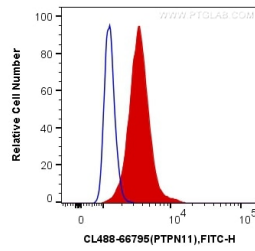
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 (-20°C Ethanol) fixed MCF-7 cells using CL488-66795 (PTPN11 antibody) at dilution of 1:100.



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human PTPN11 (CL488-66795, Clone:3F8A8) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).