

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-STIM1



Numéro de catalogue: **CL555-11565** **Phare**

## Informations de base

<b>Numéro de catalogue:</b> CL555-11565	<b>Numéro d'acquisition GenBank:</b> BC021300	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul , Concentration: 1 mg/mL by Nanodrop;	<b>Identification du gène (NCBI):</b> 6786	<b>Excitation/Emission maxima wavelengths:</b> 554 nm / 570 nm
<b>Hôte:</b> Lapin	<b>Nom complet:</b> stromal interaction molecule 1	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 685 aa, 77 kDa	
<b>Immunogen Catalog Number:</b> AG2140	<b>MW observés:</b> 77-90 kDa	

## Applications

**Applications testées:**  
FC (Intra)

**Spécificité de l'espèce:**  
Humain, souris

## Informations générales

STIM1, also named as GOK, is an ER Ca<sup>2+</sup> sensor. Upon Ca<sup>2+</sup> store depletion, STIM1 clusters at ER-plasma membrane junctions where it interacts with and gates Ca<sup>2+</sup>-permeable Orai1 ion channels. STIM1 is implicated in tumor growth suppression and stromal-haematopoietic cell interactions. Defects in STIM1 gene can cause immune dysfunction with impaired T-cell activation. STIM1 can inhibit L-type voltage-gated Ca(2+) channels in neurons. Temperature is an important regulator of STIM1 function. The MW of STIM1 is about 80-90 kDa which may be due to the phosphorylation or glycosylation forms. Catalog#11565-1-AP is rabbit polyclonal antibody raised against the N-terminal of human STIM1.

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

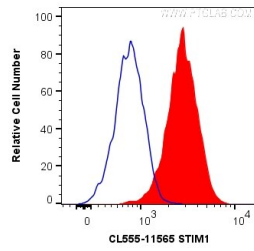
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,03 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* 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



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.2 ug CoraLite® Plus 555 Anti-Human STIM1 (CL555-11565) (red), or Rabbit IgG CL555-11565(blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).