

Nur für Forschungszwecke

# STIM1 Polyklonaler Antikörper

Katalog-Nr.:CL555-11565

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL555-11565	<b>GenBank-Zugangsnummer:</b> BC021300	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1 mg/mL von Nanodrop;	<b>GeneID (NCBI):</b> 6786	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 554 nm / 570 nm
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> stromal interaction molecule 1	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 685 aa, 77 kDa	
<b>Immunogen Katalognummer:</b> AG2140	<b>Beobachtete Masse:</b> 77-90 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus

## Hintergrundinformationen

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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**Lagerungspuffer:**  
PBS mit 50% Glycerin, 0,03% Proclin300, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

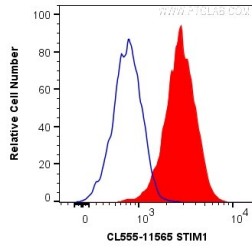
For technical support and original validation data for this product please contact:

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## Ausgewählte Validierungsdaten



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).