

Nur für Forschungszwecke

# SUMO2/3 Monoklonaler Antikörper

Katalog-Nr.:CL555-67154

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL555-67154	<b>GenBank-Zugangsnummer:</b> BC008450	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von6613	<b>GeneID (NCBI):</b> 1000000000	<b>CloneNo.:</b> 1A1B3
<b>Nanodrop;</b>	<b>Vollständiger Name:</b> SMT3 suppressor of mif two 3	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 557 nm / 570nm
<b>Wirt:</b> Maus	<b>homolog 2 (S. cerevisiae)</b>	
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 11 kDa	
<b>Immunogen Katalognummer:</b> AG28672	<b>Beobachtete Masse:</b> 18 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## Hintergrundinformationen

Ubiquitin is most famous for its function in targeting proteins for degradation by the 26S proteasome, ubiquitin needs to be attached to a substrate in chains (polyubiquitylation) before being recognized by proteasome. Similarly, SUMO (small ubiquitin-related modifier) can be linked to substrates in chains (polysumoylation), SUMO modification has been implicated in many important cellular processes including the control of genome stability, signal transduction, targeting to and formation of nuclear compartments, cell cycle and meiosis. There are 4 confirmed SUMO isoforms in human, SUMO-1, SUMO-2, SUMO-3 and SUMO-4. SUMO-2 and SUMO-3 are nearly identical but are distinct from SUMO-1. SUMO2/3 conjugation was recently widely involved in neuroprotective activities. A substitution (M55V) of SUMO4 was strongly associated with the pathogenesis of type 1 diabetes (T1D) involving NF kappa B related mechanisms.

## Lagerung

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

**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

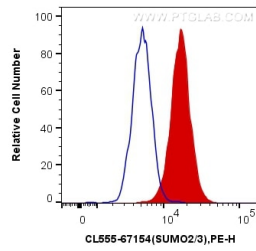
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

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

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human SUMO2/3 (CL555-67154, Clone:1A1B3) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).