Nur für Forschungszwecke

SUMO2/3 Monoklonaler Antikörper

Katalog-Nr.:CL647-67154 Vorgestelltes Produkt

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
CL647-67154

Größe:
100ul , Konzentration: 1000 µg/ml von Nanodrop;

Wirt:
Maus

Isotyp:
IgG2b

Immunogen Katalognummer:
AG28672

GenBank-Zugangsnummer:
BC008450

GeneID (NCBI):
6613

Vollständiger Name:
SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)

Berechneté Masse:
11 kDa

Beobachteté Masse:
18 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1A1B3

Anregungs-/Emissionsmaxima-Wellenlängen:
654 nm / 674 nm

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

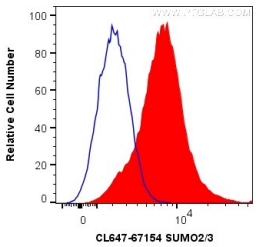
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glyzerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

***** 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



1X10^6 K-562 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human SUMO2/3 (CL647-67154, Clone:1A1B3) (red), or 0.2 ug isotype control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).