

À des fins de recherche uniquement

Anticorps Monoclonal anti-SUMO2/3

Numéro de catalogue: **CL647-67154** **Phare**



Informations de base

Numéro de catalogue: CL647-67154	Numéro d'acquisition GenBank: BC008450	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6613	CloneNo.: 1A1B3
Hôte: Mouse	Nom complet: SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG2b	MW calculé 11 kDa	
Immunogen Catalog Number: AG28672	MW observés: 18 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, rat, souris

Informations générales

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.

Stockage

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

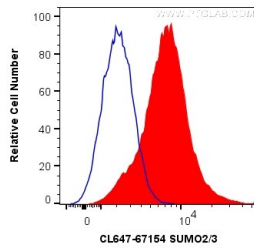
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** 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
W: 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



1X10⁶ 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).