

For Research Use Only

# SUMO3-Trap Agarose



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Catalog Number: s3ta

## Basic Information

**Catalog Number:**  
s3ta

**Applications:**  
IP, Co-IP

**Conjugate:**  
Agarose beads; ~90 um (cross-linked 4% agarose beads)

**Host:**  
Alpaca

**Type:**  
Nanobody

**Class:**  
Recombinant

## Description

The ChromoTek SUMO3-Trap Agarose consists of an anti-SUMO3 VHH, which is coupled to agarose beads. It can be used for the immunoprecipitation of SUMO3 and SUMO2 proteins from cell extracts of various organisms.

## Specificity/Target

Binds specifically to human SUMO2 and SUMO3 (Small Ubiquitin-like Modifier 2 and 3). The ChromoTek SUMO3-Trap Agarose will immunoprecipitate both monovalent SUMO2/3 and chains formed by the process of SUMOylation. In addition to human SUMO2 und SUMO3, it will also bind to homologs from other mammals.

## Elution buffer

2x SDS-sample buffer (Lämmli), 200 mM glycine pH 2.5

## Affinity ( $K_D$ )

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## Storage

**Storage:**  
Shipped at ambient temperature. Upon receipt store at +4°C. Stable for one year. Do not freeze!

**Storage Buffer:**  
20% ethanol

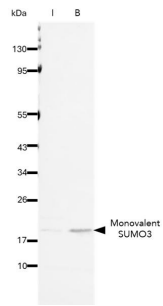
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## Selected Validation Data



The SUMO3-Trap Agarose (s3ta) was used to immunoprecipitate endogenous SUMO3 from HEK293T cells. Samples of the input lysate (I), and bound (B) fraction were analyzed using Western blot using 11251-1-AP (SUMO2/3 Polyclonal Antibody). SUMO3 is highly enriched using the SUMO3-Trap.