

For Research Use Only

# Myc-Trap® 2.0 Agarose, Kit for Immunoprecipitation



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Catalog Number: yt2ak

## Basic Information

**Catalog Number:**  
yt2ak

**Applications:**  
IP, Co-IP

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

**Host:**  
Alpaca

**Type:**  
Nanobody

**Class:**  
Recombinant

## Description

The ChromoTek Myc-Trap® Agarose, Kit for Immunoprecipitation consists of an anti-Myc VHH, which is coupled to agarose beads. It also contains lysis, wash, and elution buffers that can be used for the immunoprecipitation of Myc-fusion proteins from cell extracts of various organisms.

## Specificity/Target

Binds specifically to the Myc-tag (sequence EQKLISEEDL) at the N-terminus, C-terminus, or internal site of the fusion protein. Endogenous c-myc is NOT bound.

## Elution buffer

2x SDS-sample buffer (Lämmli), 200 mM glycine pH 2.5, 0.1 mg/ml ChromoTek 2x Myc-peptide (2yp) in PBS pH 7.4

## Affinity ( $K_D$ )

770 nM

## Storage

**Storage:**

Shipped at ambient temperature. Upon receipt store at +4°C. Stable for one year. DO not freeze!

**Storage Buffer:**

20% ethanol

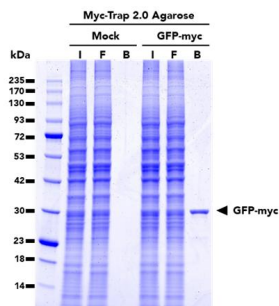
For technical support and original validation data for this product please contact:

T: 4006900926

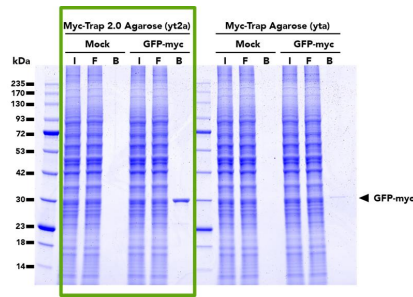
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)  
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## Selected Validation Data



Immunoprecipitation of GFP-Myc fusion protein from HEK293T cells using Myc-Trap® 2.0 Agarose. IP was done using both untransfected (mock) and transfected (GFP-myc) cells. I: Input; F: Flow-through; B: Bound.



Comparison of pull-down efficacy between the Myc-Trap® 2.0 Agarose (left) and the original Myc-Trap Agarose (right). Both products were used to immunoprecipitate GFP-myc fusion proteins from untransfected (mock) and transfected (GFP-myc) HEK293T cells. The Myc-Trap 2.0 has a higher binding capacity and is able to pull down more GFP-Myc protein than the Myc-Trap.