

For Research Use Only

Myc-Trap® 2.0 Magnetic Agarose, Kit for Immunoprecipitation



www.ptglab.com

Catalog Number: yt2mak

Basic Information

Catalog Number:

yt2mak

Applications:

IP, Co-IP

Conjugate:

Magnetic Agarose beads; ~40 um (cross-linked 6% magnetic agarose beads)

Host:

Alpaca

Type:

Nanobody

Class:

Recombinant

Description

The ChromoTek Myc-Trap® 2.0 Magnetic Agarose, Kit for Immunoprecipitation consists of an anti-Myc NANOBODY®/VHH, which is coupled to magnetic 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)

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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:

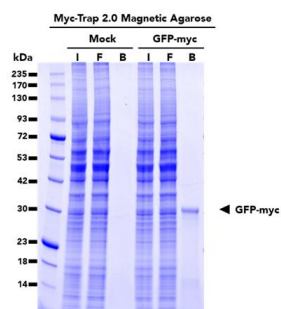
20% ethanol

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

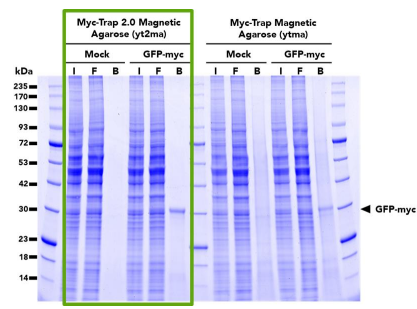
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunoprecipitation of GFP-Myc fusion protein from HEK293T cells using Myc-Trap® 2.0 Magnetic 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 Magnetic Agarose (left) and the original Myc-Trap Magnetic 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 higher affinity for myc-tagged proteins and is able to pull-down more GFP-Myc protein than the Myc-Trap. Pull-downs with the Myc-Trap 2.0 Magnetic Agarose also show significantly reduced background.