For Research Use Only

Myc-Trap® 2.0 Magnetic Agarose

www.ptglab.com

Catalog Number: yt2ma

Basic Information

Catalog Number:
yt2ma

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 consists of an anti-Myc NANOBODY®/VHH, which is coupled to magnetic agarose beads. It 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 1(312) 455-8498 (outside USA)
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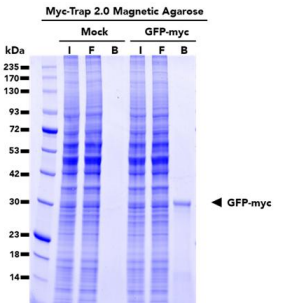
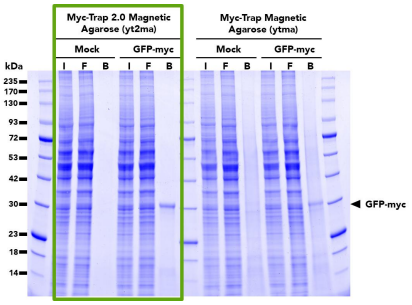
Selected Validation Data



Immunoprecipitation of GFP-Myc fusion protein from HEK293T cells using Myc-Trap® 2.0 Magnetic Agarose (yt2ma). IP was done using un-transfected (mock) and transfected (GFP-Myc) cells. I: Input, F: Flow-through, B: Bound.



Comparison of pulldown efficacy between the Myc-Trap® 2.0 Magnetic Agarose (yt2ma) (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 pulldown more GFP-Myc protein than the Myc-Trap. Pulldowns with the Myc-Trap 2.0 Magnetic Agarose also show significantly reduced background.