

For Research Use Only

MBP-Trap Agarose, Kit for Immunoprecipitation



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Catalog Number: **mbtak**

Basic Information

Catalog Number:
mbtak

Applications:
IP, CoIP, ChIP, RIP

Conjugate:
Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

The ChromoTek MBP-Trap Agarose are affinity beads for IP of MBP-fusion proteins. They comprise MBP Nanobodies/ VHhs coupled to agarose beads.

Binding capacity

45 µg (0.625 nmol) of recombinant MBP-tagged protein (~74.2 kDa) per 25 µL bead slurry

Specificity/Target

Maltose-binding protein (MBP) of Escherichia coli

Elution buffer

SDS sample buffer
0.2 M glycine pH 2.5

Affinity (K_D)

Dissociation constant K_D of 4 nM

Storage

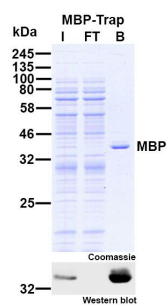
Storage:
Upon receipt store at +4°C. Do not freeze!
Storage Buffer:
20% EtOH

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 maltose binding protein (MBP) from E. coli cell extract. The Western blot shows the very high effectivity of the MBP-Trap: No MBP is left in Flow-Through lane. I: Input, FT: Flow-Through, B: Bound.