

Catalog Number: mbta

20 Publications

Basic Information

Catalog Number:

mbta

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

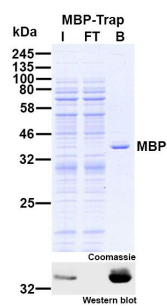
Storage:

Upon receipt store at +4°C. Do not freeze!

Storage Buffer:

20% EtOH

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.