

MBP CoIP Agarose beads

Cat. No. MBP-01A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Immunoprecipitation of MBP-fusion proteins and their interacting factors with anti-MBP Nanobody conjugated to beads. • Immunoprecipitation of low abundant MBP-fusion proteins • Significantly higher sensitivity than amylose resin and other affinity resins • No heavy & light antibody chains • Stable under harsh washing conditions • Suitable for downstream mass spec analysis
Specificity/Target	Maltose-binding protein (MBP) of Escherichia coli
Binding capacity	45 µg (0.625 nmol) of recombinant MBP-tagged protein (~74.2 kDa) per 25 µL bead slurry
Conjugate	Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)
Elution buffer	SDS sample buffer 0.2 M glycine pH 2.5
Wash buffer compatibility	2 M urea, 2 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 1 % Triton X-100
Type	Nanobody
Affinity (KD)	Dissociation constant KD of 4 nM

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Storage Buffer	20% EtOH
Applications	IP, CoIP, ChIP, RIP
Storage	Upon receipt store at +4°C. Do not freeze!

Western Blot

