

## MBP CoIP Agarose beads

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

### SPECIFICATION

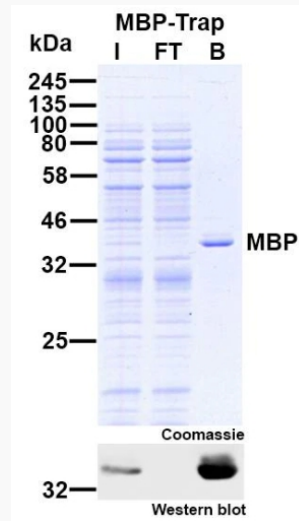
<b>Product Overview</b>	<p>Immunoprecipitation of MBP-fusion proteins and their interacting factors with anti-MBP Nanobody conjugated to beads.</p> <ul style="list-style-type: none"> <li>• Immunoprecipitation of low abundant MBP-fusion proteins</li> <li>• Significantly higher sensitivity than amylose resin and other affinity resins</li> <li>• No heavy &amp; light antibody chains</li> <li>• Stable under harsh washing conditions</li> <li>• Suitable for downstream mass spec analysis</li> </ul>
<b>Specificity/Target</b>	Maltose-binding protein (MBP) of Escherichia coli
<b>Binding capacity</b>	45 µg (0.625 nmol) of recombinant MBP-tagged protein (~74.2 kDa) per 25 µL bead slurry
<b>Conjugate</b>	Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)
<b>Elution buffer</b>	SDS sample buffer 0.2 M glycine pH 2.5
<b>Wash buffer compatibility</b>	2 M urea, 2 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 1 % Triton X-100
<b>Type</b>	Nanobody
<b>Affinity (KD)</b>	Dissociation constant KD of 4 nM

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

**Western Blot**

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