For Research Use Only

Halo-Trap Agarose beads

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Catalog Number: ota

21 Publications

Basic Information

Catalog Number:
ota

Applications:
IP, CoIP, ChIP, RIP

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

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

Halo-Trap Agarose are affinity beads for IP of Halo-tag proteins. It comprises a Halo-tag Nanobody /VHH conjugated to agarose beads.

Binding capacity

7.5-10 µg of recombinant Halo-tag per 25 µL bead slurry

Specificity/Target

Halo-tag (modified variant of the bacterial haloalkane dehalogenase enzyme from *Rhodococcus rhodochrous*) in the absence or presence of covalently bound chloralkane-based ligands.

Elution buffer

SDS sample buffer
0.2 M glycine pH 2.5

Wash buffer compatibility

4 M urea, 1 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 1 % Triton X-100

Affinity (K_D)

Dissociation constant K_D of 2 nM

Storage

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

Storage Buffer:
20% ethanol

For technical support and original validation data for this product please contact:

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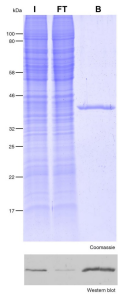
Selected Validation Data



Immunoprecipitation of Halo-tag protein with Halo-Trap.I: Input, FT: Flow-through, B: Bound.