

Halo ColP Agarose beads

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

SPECIFICATION

Product Overview	Immunoprecipitation of Halo-tagged proteins and their interacting factors with anti-Halo Nanobody conjugated to beads. • Halo-Trap immunoprecipitates Halo-fusion proteins even when already covalently bound to Halo-ligands, i.e. after labelling etc. • Fast, reliable & efficient one-step immunoprecipitation • No heavy & light antibody chains • Bound Halo-fusion protein can be eluted without protease • Suitable for downstream mass spec analysis
Specificity/Target	Halo-tag (modified variant of the bacterial haloalkane dehalogenase enzyme from <i>Rhodococcus rhodochrous</i>) in the absence or presence of covalently bound chloroalkane-based ligands.
Binding capacity	7.5-10 µg of recombinant Halo-tag 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	4 M urea, 1 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 1 % Triton X-100
Type	Nanobody

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Affinity (KD)	Dissociation constant KD of 2 nM
Storage Buffer	20% ethanol
Applications	IP, CoIP, ChIP, RIP
Storage	Upon receipt store at +4°C. Do not freeze!

Western Blot

