For Research Use Only

Halo-Trap Magnetic Particles M-270



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Catalog Number: otd

Catalog Number: **Basic Information**

Alpaca **Applications:** IP, CoIP, ChIP, RIP Type: Nanobody Conjugate: Magnetic Particles M-270, size: 2.8 µm
br>high throughput-compatible Class: Recombinant

Description

The ChromoTek Halo-Trap Magnetic Particles M-270 consists of an anti-Halo-tag Nanobody (VHH), which is covalently bound to Magnetic Particles M-270. Halo-Trap Magnetic Particles M-270 is used to immunoprecipitate Halo-tag proteins from cell extracts of various organisms like mammals, plants, bacteria, yeast, insects etc. in the presence or absence of a covalently bound ligand. The interaction between Halo-Trap and the Halo-tag protein is reversible.

Host:

Binding capacity

1.25 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.

SDS sample buffer 0.2 M glycine pH 2.5

Affinity (K_D)

Elution buffer

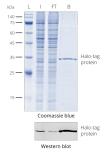
Dissociation constant K_D of 2 nM

Storage

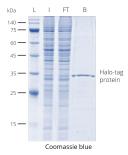
Upon receipt store at +4°C. Do not freeze!

Storage Buffer: PBS with 0.09% sodium azide

Selected Validation Data



Halo-Trap Magnetic Particles M-270 was used for immunoprecipitation of Halo-tag protein from HEK293T cell lysate and elution with 2x SDS-sample buffer. Coomassie blue staining shows elution of enriched Halo-tag protein. Western blot was probed with Halo antibody [28A8] (28a8) and Nano-Secondary® alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor® 488 [CTK0103, CTK0104] (sms1AF488-1). L: Prestained protein marker (Proteintech, PL00001), I: Input, FT: Flow-Through, B: Bound.



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