For Research Use Only

Halo-Trap Magnetic Particles M-270, Kit for Immunoprecipitation

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Catalog Number: otdk

Basic Information

Catalog Number:
otdk

Applications:
IP, CoIP, ChIP, RIP

Conjugate:
Magnetic Particles M-270, size: 2.8 µm
high throughput-compatible

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

The ChromoTek Halo-Trap Magnetic Particles M-270 Kit consists of an anti-Halo-tag Nanobody (VHH), which is covalently bound to Magnetic Particles M-270. Halo-Trap Magnetic Particles M-270 Kit 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.

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.

Elution buffer

SDS sample buffer
0.2 M glycine pH 2.5

Affinity (K_D)

Dissociation constant K_D of 2 nM

Storage

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

Storage Buffer:
PBS with 0.09% sodium azide

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

T: 4006900926

E: Proteintech-CN@ptglab.com
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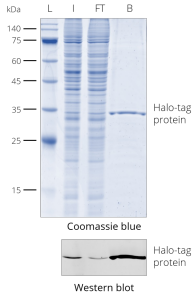
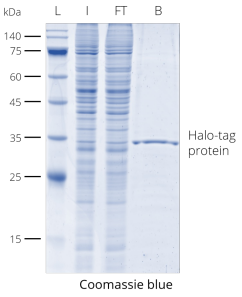
Selected Validation Data



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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