For Research Use Only

Spot-Trap® Agarose

www.ptgcn.com

Catalog Number: eta

6 Publications

Basic Information

Catalog Number:
eta

Applications:
IP, CoIP, ChIP, RIP

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

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

Spot-Trap® Agarose is an affinity bead for immunoprecipitation (IP) of Spot-tagged proteins It comprises an anti-Spot-Tag® VHH/ Nanobody coupled to agarose beads.

Binding capacity

17.5 µg of recombinant Spot-tagged protein (~30 kDa) per 25 µL bead slurry

Specificity/Target

Spot-Tag sequence PDRVRAVSHWSS

Elution buffer

SDS sample buffer
10 mM NaOH pH 12

Wash buffer compatibility

2 M urea, 2 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 1 % Triton X-100, 0.1 % SDS

Affinity (K_D)

Dissociation constant K_D of 6 nM

Storage

Storage:
Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!

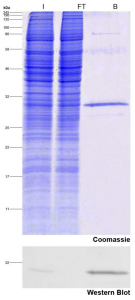
Storage Buffer:
20% ethanol

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

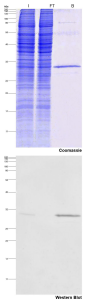
T: 4006900926

E: Proteintech-CN@ptglab.com
W: www.ptgcn.com

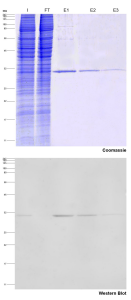
Selected Validation Data



Immunoprecipitation of Spot-tagged protein.



Immunoprecipitation of Spot-tagged protein. Input (I), non-bound (FT) and bound (B), Coomassie staining and Western blotting. Western blot indicates high effectivity.



Elution of Spot-tag fusion protein. Input (I), non-bound (FT) and eluted (E1, E2 and E3) fractions. Elutions with Spot-peptide.

	Spot-Trap	Spot-Cap	Spot-Label	Spot V_HH
Immunoprecipitation (IP) / Co-IP / Co-IP/MS	✓			
Protein purification		✓		
Western Blotting			✓	✓
Immunofluorescence			✓	✓

Application of Spot-tag related products.