For Research Use Only Spot-Trap® Magnetic Particles M-270



www.ptglab.com

Catalog Number: etd 1 Publications

Catalog Number: Basic Information

Host: Alpaca

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

Spot-Trap® Magnetic Particles M-270 are affinity beads for immunoprecipitation (IP) of Spot-tagged proteins It comprises an anti-Spot-Tag® VHH/ Nanobody coupled to Magnetic Particles M-270. **Description**

2.25 μg of recombinant Spot-tagged protein (~30 kDa) per 25 μL bead slurry **Binding capacity**

Specificity/Target Spot-Tag® sequence PDRVRAVSHWSS

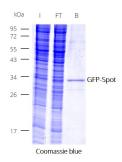
SDS sample buffer 10 mM NaOH pH 12 **Elution buffer**

Affinity (K_D) Dissociation constant K_D of 6 nM

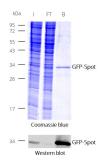
Storage Storage: Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!

Storage Buffer: PBS with 0.09% sodium azide

Selected Validation Data



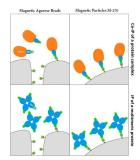
Spot-Trap Magnetic Particles M-270 pull-down.



Immunoprecipitation (IP) of GFP with Spot-Trap Magnetic Particles M-270: Coomassie and Western blot (I: Input, FT: Flow-Through, B: Bound).

	Spot- Trap	Spot- Cap	Spot- Label	Spot V _H H
Immunoprecipitation (IP) / Co-IP / Co-IP/MS	1			
Protein purification		1		
Western Blotting			1	1
Immunofluorescence			1	1

Application of Spot-tag related products.



Cartoon to visualize the binding of large protein with Spot-tag (Spot-tag (green) + protein of interest (POI, blue) with interacting partner X (Prot X, orange) or multimeric proteins (tag (green) + protein of interest (POI, blue) to Spot-Nanobody (dark green) of Spot-Trap Magnetic Agarose or Spot-Trap Magnetic Particles M-270.