Ver. HB230112

Anti-His Affinity Gel

Product description

Anti-His Affinity Gel is prepared by conjugating high quality murine IgG1 monoclonal antibody with Sepharose 4B gel. This product has a high His label fusion protein loading capacity (at least 1.1 mg protein/mL gel) and less non-specific binding of miscellaneous proteins. It can be used for immunoprecipitation (IP) and purification of fusion proteins with His labels.

The Anit-His affinity purification gel provided by YEASEN can be used to purify N-terminal, C-terminal, 4×His, 5×His, 6×His fusion proteins.

Components

Components No.	Name	20589ES03	20589ES08	20589ES25	20589ES60
20589	Anti-His Affinity Gel	1 mL	5 mL	25 mL	100 mL

Specifications

Isotype	Mouse IgG1
Purity	Protein A
Antibody Concentration	7.5 g antibody/L Gel
Application	Protein purification、IP
Protein binding capacity	≥1.1 mg protein/mL Gel
Storage buffer	TBS，50% glycerin，pH7.4，contains 0.02% (w/v) sodium azide

Storage

The unopened products should be stably stored at -25°C ~-15°C for 1 year. Do not freeze in solution without glycerin!

Instructions

1. Fully re-suspension of Anti-His affinity purification gel to form a uniform solution as far as possible. Transfer 40-100 μL mixture (20-50 μL gel) to a new centrifuge tube.

2. Add 500 μL TBS, gently reinsert the Anti-His Affinity Gel, centrifuge at 10,000 rpm for 60 s, discard the supernatant, and repeat the above steps 3-4 times.

Note: Remove supernatant as much as possible, but do not inhale gel.

3. 100 μL cell lysate was added to the above precipitation. Incubate at room temperature for at least 1 hour, shaking gently while incubating.

4. Centrifuge at 10,000 rpm for 60 s and transfer the supernatant to a new centrifuge tube for storage for later detection.

5. The precipitates were washed with 0.5mL PBST for 3-4 times and centrifuged at 10,000 rpm for 60 s to remove the supernatant.

6. Elution: 40 μL 2× protein loading buffer was added and boiled for 10 min. Centrifuge at 10,000 rpm for 60 s and transfer supernatant carefully for SDS-PAGE detection.

Notes

1. All centrifugal operations are performed at 4°C.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.