Anti-SUMO Tag Antibody Sepharose Purification Kit

Catalog Number	LDG0020RD
Package	5 rxn / 10 rxn / Customized package

For full product information, images and publications, please visit our website.

Overview

Description

Affinity purified anti-SUMO antibodies, developed in mouse, were conjugated to NHS-sepharose. It is an efficient technique for isolating recombinant proteins or mammalian expression proteins. The SUMO epitope system relies on an approximately 100 amino acids long recombinant antibody, which is able to react with N- and C- terminal SUMO-tagged fusion proteins and may be used for the immunoprecipitation or immune affinity purification.
The purified antibody is immobilized at 3-5 mg antibody per mL of 50% slurry and this kit allows a rapid and efficient affinity purification of active SUMO fusion proteins. The affinity resin allows an efficient binding of SUMO fusion proteins without the need for preliminary steps and calibrations. The affinity bound SUMO fusion proteins can be efficiently eluted from the resin by acid condition. The eluted proteins can be used for characteristic analysis.

Product Note

The optimal protein concentration of the cell lysate should be determined by the end user.

Specifications

Host
Mouse

Clonality
Monoclonal

Application
Immunoprecipitation, Immunoaffinity Purification

Conjugation
Sepharose

Specificity
Recognizes SUMO tag on either the N- or C-terminus of the recombinant fusion protein.

Sample Type
Cell lysate

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Binding capacity

The binding and elution capacity of 1 mL Mouse anti-SUMO mAb sepharose are commonly more than 1 mg of SUMO fusion proteins.

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at 2-8°C.

Stability & Storage

This product is stable after storage at:

- 2-8°C for unopened product

Please refer to product manual for storage constructions

Disclaimer : For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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