

## Anti-DYKDDDDK Antibody Sepharose Purification Kit

**Catalog Number** LDG0026RD

**Package** 5 rxn / 10 rxn

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

Affinity purified anti-DYKDDDDK antibodies, developed in mouse, were conjugated to NHS-sepharose. It is an efficient technique for isolating recombinant proteins or mammalian expression proteins. The DYKDDDDK epitope system relies on the peptide (N-Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys-C), which is able to react with N- and C- terminal DYKDDDDK 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 DYKDDDDK fusion proteins. The affinity resin allows an efficient binding of DYKDDDDK fusion proteins without the need for preliminary steps and calibrations. The affinity bound DYKDDDDK 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 DYKDDDDK tag on either the N- or C-terminus of the recombinant fusion protein.

#### Sample Type

Cell lysate

**Binding capacity**

The binding and elution capacity of 1 mL Mouse anti-DYKDDDDK mAb sepharose are commonly more than 1 mg of DYKDDDDK 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 or Further Manufacturing Only.