

# Anti-DYKDDDDK-Tag Mouse Monoclonal Antibody



**Catalog #: T024**

## Aliases

FLAG tag; DDDDK tag

## Background

The FLAG tag is a short peptide sequence (DYKDDDDK) commonly used in molecular biology to facilitate the detection and purification of recombinant proteins. Its small size minimizes interference with protein function and can be specifically recognized by anti-FLAG tag antibodies. FLAG is a registered trademark of Merck KGaA, Darmstadt, Germany.

## Application Information

Molecular Weight: Recombinant protein dependent

Clonality: Mouse monoclonal antibody

Clone ID: 25GB7030

Species Reactivity: Recombinant protein

Applications Tested: Western blotting (WB)

## Immunogen

A synthesized peptide derived from DYKDDDDK

## Isotype

Mouse IgG1

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.05% Proclin 300.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

**Note:** This product is for research use only.

## Validation Data

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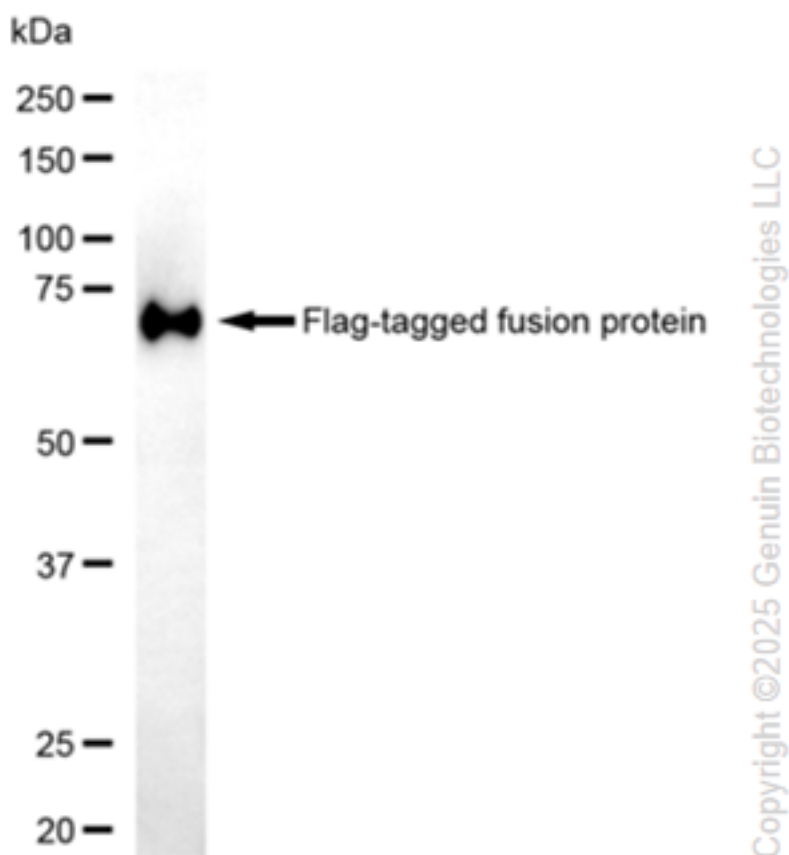
### SUPPORT

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Western blotting analysis using anti-Flag tag antibody (Cat#T024). Recombinant multi-tag protein (5 ng) in *E. coli* were loaded and separated by SDS-PAGE. The blot was incubated with anti-Flag tag antibody (Cat#T024, 1:10,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).