

M5 DYKDDDDK-Tag(3B9) mAb

使用说明书

| 产品名称 | 单位 | 货号 |
|---------------------------|-------------|----------|
| M5 DYKDDDDK-Tag (3B9) mAb | 50 μ l | MF085-T |
| M5 DYKDDDDK-Tag (3B9) mAb | 100 μ l | MF085-01 |
| M5 DYKDDDDK-Tag (3B9) mAb | 200 μ l | MF085-02 |

【STORAGE】

Store at -20°C. Stable for one year from the date of shipment.

【BACKGROUND】

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation and immunostaining techniques. Due to their small size, they are unlikely to affect the tagged protein's biochemical properties. The DYKDDDDK peptide has been used extensively as a general epitope tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion.

【REFERENCES】

1.Brizzard, B. L. et al. 1994. Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution. Biotechniques 16, 730-735.

【SOURCE】

This monoclonal antibody is produced by immunizing animals with a synthetic DYKDDDDK peptide (KLH-coupled).

【SPECIFICITY】

DYKDDDDK Tag Antibody detects exogenously expressed DYKDDDDK proteins in cells.

【REACTIVITY】

All

【ISOTYPE】

Mouse IgG2b

IMPORTANT

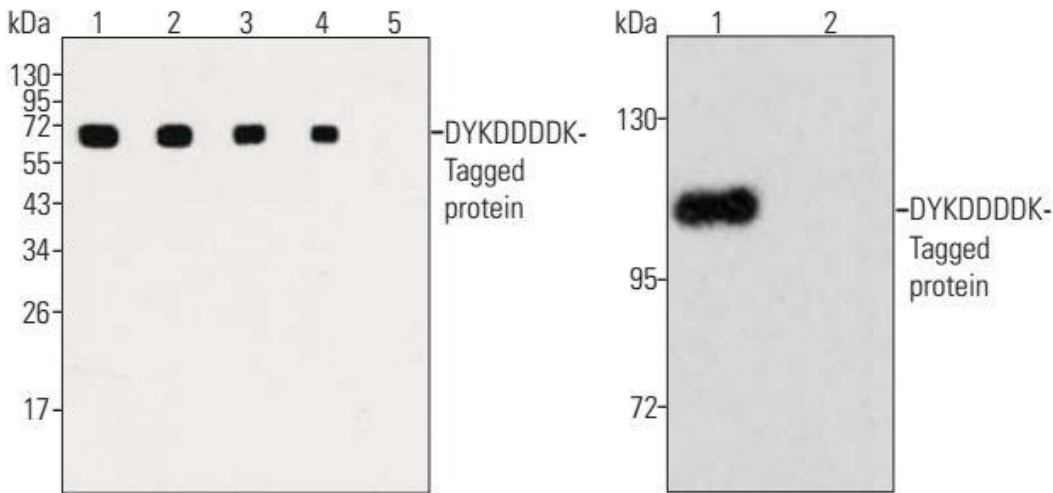
Use an anti-Mouse secondary antibody to detect the 3B9 antibody.

RECOMMENDED ANTIBODY DILUTIONS

| | |
|---------------------|--------|
| Western blotting | 1:5000 |
| Immunofluorescence | 1:1000 |
| Immunoprecipitation | 1:100 |
| ELISA | 1:2000 |

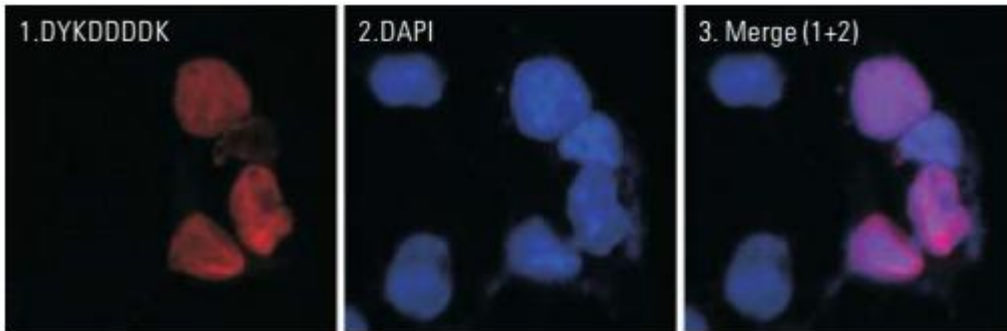
For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking, overnight.

APPLICATION DATA



Western blot analysis of over-expressed DYKDDDDK-tagged protein in 293T cell lysate, using DYKDDDDK-Tag (3B9) Mouse mAb. The antibody dilutions are 1:2000 (lane 1), 1:5000 (lane 2), 1:10000 (lane 3) and 1:20000 (lane 4). Each lane was loaded with 2 μ g of cell lysate. Lane 5 is 2 μ g of mock transfected cell lysate at a dilution of 1:5000.

Lane 1: 293T cell lysate transfected with DYKDDDDK-tag protein.
 Lane 2: Mock transfected 293T cell lysate. The antibody dilution is 1:100.



IF analysis of 293T cells transfected with a DYKDDDDK-tagged protein, using DYKDDDDK-Tag (3B9) Mouse mAb at a 1:1000 dilution.

【备注】

本产品仅供科研使用。在确认产品质量出现问题时，本公司承诺为客户免费更换等量的质量合格产品。