

M5 DYKDDDDK-Tag (Same as Sigma's Anti-FLAG®) antibody produced in rabbit 使用说明书

产品名称	单位	货号
M5 DYKDDDDK-Tag antibody produced in rabbit	50µl	MF085-R-T
M5 DYKDDDDK-Tag antibody produced in rabbit	100µl	MF085-R-01
M5 DYKDDDDK-Tag antibody produced in rabbit	200µl	MF085-R-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 polyclonal 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】

Rabbit IgG

【IMPORTANT】

Use an anti-Rabbit secondary antibody to detect this antibody.

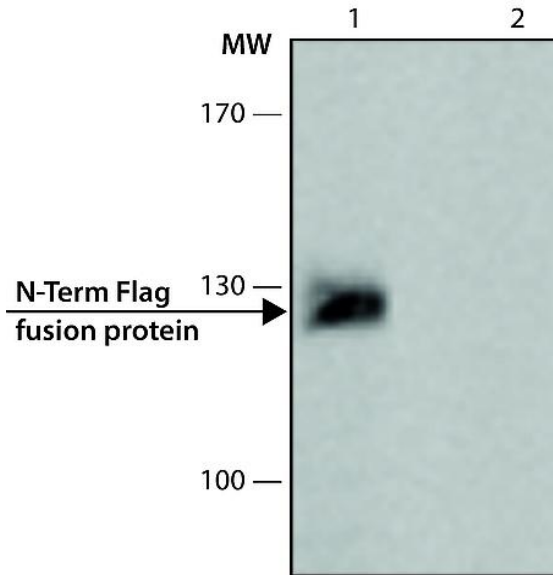
RECOMMENDED ANTIBODY DILUTIONS

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

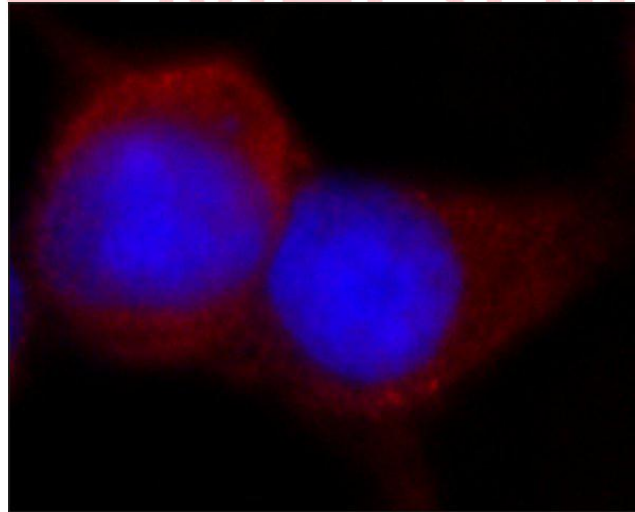
A. Immunoblotting:



Whole extract of human HEK-293T cells over-expressing N-Terminal Flag tagged fusion protein was separated on SDS-PAGE and probed with Rabbit Anti-DYKDDDDK-Tag. The antibody was developed using Goat Anti-Rabbit IgG-Peroxidase and a chemiluminescent substrate.

Lanes: 1. 0.4 $\mu\text{g}/\text{mL}$ antibody; 2. Negative Control: without first antibody.

B. Immunofluorescence:



Human HEK-293T cells over-expressing C-Terminal Flag tagged fusion protein were fixed and permeabilized with methanol followed by acetone. Fixed cells were stained with 0.8 $\mu\text{g}/\text{mL}$ Rabbit Anti- DYKDDDDK-Tag. The antibody was developed using Goat Anti-Rabbit IgG, Cy3™ conjugate. Cells were counterstained with DAPI (blue) to stain nuclei.

【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。