

## M5 Myc-Tag(19C2) Mouse mAb 使用说明书

产品名称	单位	货号
M5 Myc-Tag (19C2) Mouse mAb	50 $\mu$ l	MF083-T
M5 Myc-Tag (19C2) Mouse mAb	100 $\mu$ l	MF083-01

### 【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 Myc epitope tag is widely used to detect expression of recombinant proteins in bacteria, yeast, insect and mammalian cell systems.

### 【REFERENCES】

1. Munro, S. and Pelham, H.R. 1984. Use of peptide tagging to detect proteins expressed from cloned genes: deletion mapping functional domains of *Drosophila* hsp 70. EMBO J. 3, 3087-3093.

### 【SOURCE】

This monoclonal antibody is produced by immunizing animals with a synthetic peptide (KLH-coupled) corresponding to residues 410-419 of human c-Myc (EQKLISEEDL).

### 【SPECIFICITY】

Myc-Tag (19C2) Mouse mAb detects over-expressed or recombinant proteins containing the Myc epitope tag.

### 【REACTIVITY】

All

### 【ISOTYPE】

Mouse IgG1

### IMPORTANT

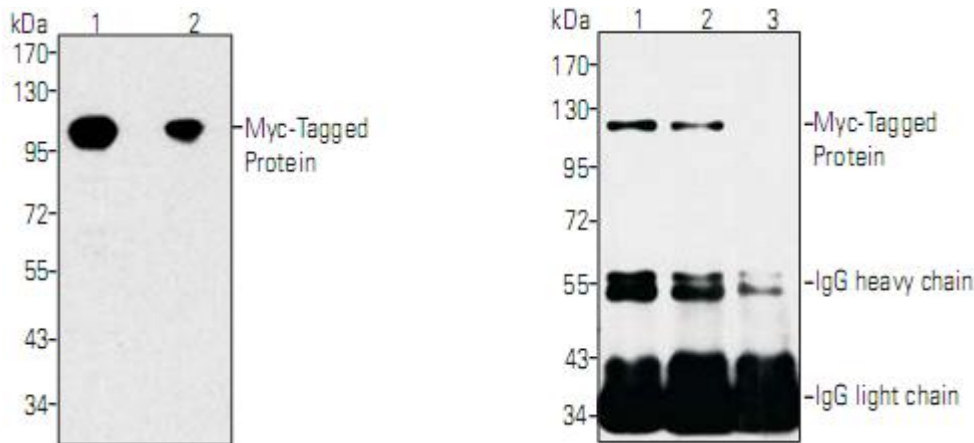
Use an anti-MOUSE secondary antibody to detect the 19C2 antibody.

### RECOMMENDED ANTIBODY DILUTIONS

Western blotting	1:5000
Immunofluorescence	1:2000
Immunoprecipitation	1:200
ELISA	1:2000

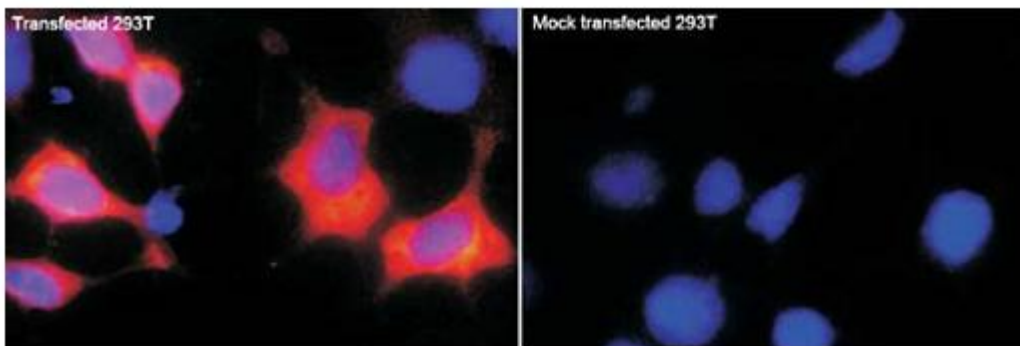
For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking, overnight.

**APPLICATION DATA**



Western blot analysis of over-expressed Myc-tagged protein in 293T cell lysate, using Myc-tag (19C2) Mouse mAb. The antibody dilutions are 1:5000 (lane1) and 1:10000 (lane2). Each lane was loaded with 10µg of cell lysate.

IP of extracts from 293T cells transfected (lane1) with a Myc-tagged protein and a mock transfection (lane2, using the same protein without the Myc tag), using Myc-Tag (19C2) mouse mAb and probed on Western blot using the same antibody. Dilution: 1:200 (1), 1:500 (2), 1:200 (3).



IF analysis of 293T cells transfected with a Myc-tagged protein and a mock transfection (right, using the same protein without the Myc tag), using Myc-Tag (19C2) Mouse mAb at a 1:2000 dilution.

**【备注】**

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