

# HRP-conjugated Mouse anti Myc-Tag mAb

Catalog No.: AE026

9 Publications

## Basic Information

### Observed MW

55 kDa/58 kDa

### Calculated MW

### Category

Tag antibody

### Applications

WB,ELISA

### Cross-Reactivity

Species independent

### CloneNo number

AMC0048

### Conjugate

HRP

## Recommended Dilutions

**WB** 1:5000 - 1:20000**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

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## Background

Protein tags are peptide sequences genetically grafted onto a recombinant protein. Often these tags are removable by chemical agents or by enzymatic means, such as proteolysis or intein splicing. Tags are attached to proteins for various purposes. Epitope tags are short peptide sequences which are chosen because high-affinity antibodies can be reliably produced in many different species. These are usually derived from viral genes, which explain their high immunoreactivity. Epitope tags include V5-tag, Myc-tag, HA-tag and NE-tag. These tags are particularly useful for western blotting, immunofluorescence and immunoprecipitation experiments, although they also find use in antibody purification.

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

A synthetic peptide corresponding to Myc tag.

### Synonyms

Myc;Myc tag;Myc-tag

## Product Information

### Source

Mouse

### Isotype

IgG1

### Purification

Affinity purification

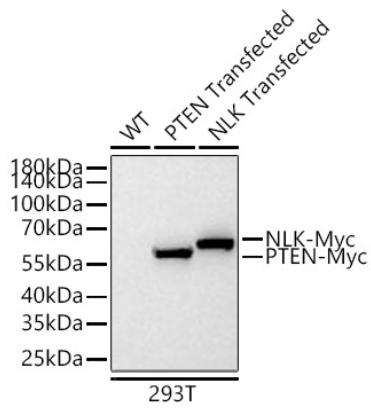
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and 293F cells transfected with NLK-Myc-Tag, 293F cells transfected with PTEN-Myc-Tag using HRP-conjugated Mouse anti Myc-Tag mAb (AE026) at 1:5000 dilution incubated overnight at 4°C.  
Lysates/proteins: 20 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1 s.