

# Mouse anti His-Tag mAb

Catalog No.: AE003 **176 Publications**

## Basic Information

### Observed MW

27kDa,35kDa

### Calculated MW

### Category

Tag antibody

### Applications

ELISA,WB,IF/ICC,IP

### Cross-Reactivity

Species independent

### CloneNo number

AMC0149

## Background

Consecutive histidine residues (usually 6 to 10 in length) are often inserted into the amino acid sequences of recombinant proteins. The resulting His-tagged proteins can be detected by using His antibodies.

## Recommended Dilutions

**WB** 1:5000 - 1:20000

**IF/ICC** 1:50-1:200

**IP** 0.5ug-4ug antibody for  
200ug-400ug extracts of  
whole cells

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

A synthetic peptide corresponding to His tag.

### Synonyms

His;His tag;His-tag

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG1

### Purification

Affinity purification

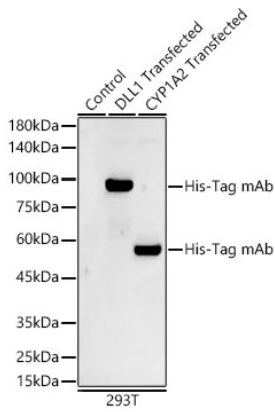
### Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of various lysates, using His-Tag mAb (AE003) at 1:5000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.