

# Mouse anti HA-Tag (N Terminal) mAb

Catalog No.: AE065

3 Publications

## Basic Information

### Observed MW

53kDa(SCRN1-HA-GFP-N)

### Calculated MW

### Category

Tag antibody

### Applications

WB,IP,(ELISA)

### Cross-Reactivity

Species independent

### CloneNo number

AMC0173

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

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

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

## Contact

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## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

A synthetic peptide corresponding to HA tag.

### Synonyms

HA;HA tag;HA-tag

## Product Information

### Source

Mouse

### Isotype

IgG1,Kappa

### Purification

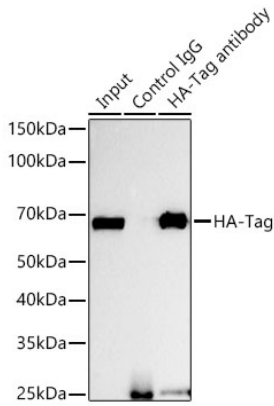
Affinity purification

### Storage

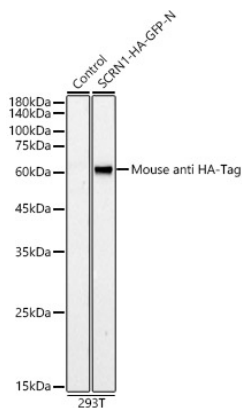
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg Mouse anti HA-Tag antibody (AE065). Western blot was performed from the immunoprecipitate using Mouse anti HA-Tag antibody (AE065) at a dilution of 1:2000.



Western blot analysis of lysates from 293T-SCRN1-HA-GFP-N, using Mouse anti HA-Tag mAb (AE065) at 1:1000 dilution.

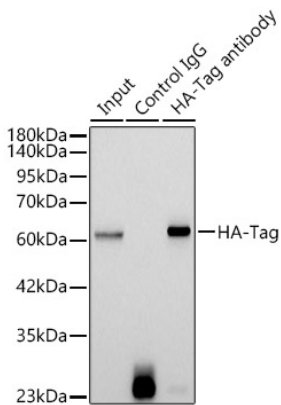
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunoprecipitation analysis of 300ug extracts of 293F-SCRN1-HA-GFP(N) cells using 3ug Mouse anti HA-Tag mAb antibody (AE065 1:200). Western blot was performed from the immunoprecipitate using Mouse anti HA-Tag mAb antibody (AE065) at a dilution of 1:2000.