

AE086

Leader in Biomolecular Solutions for Life Science



## Rabbit anti His-tag mAb

Catalog No.: AE086

5 Publications

### Basic Information

#### Observed MW

16kDa

#### Calculated MW

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB,IF/ICC,IP,ELISA

#### Cross-Reactivity

Species independent

#### CloneNo number

ARC2696

### 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 1:2000 - 1:6000

IF/ICC 1:50 - 1:200

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

### Immunogen Information

#### Gene ID

#### Swiss Prot

#### Immunogen

A synthetic peptide corresponding to His tag.The antibody may cross-react with a protein of unknown origin ~60kDa

#### Synonyms

His;His tag;His-tag

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

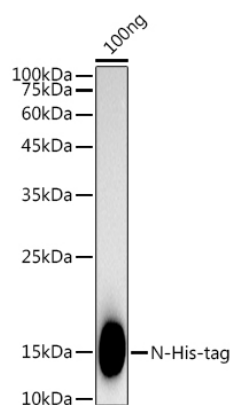
Affinity purification

#### Storage

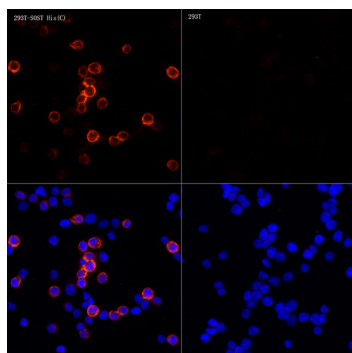
Store at -20°C. Avoid freeze / thaw cycles.

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

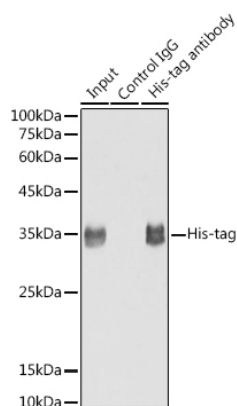
## Validation Data



Western blot analysis of lysates from His Protein, using Rabbit anti His-tag mAb (AE086) at 1:5000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 10s.



Immunofluorescence analysis of 293T-SOST His(C) and 293T cells using Rabbit anti His-tag mAb (AE086) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg His-tag antibody (AE086). Western blot was performed from the immunoprecipitate using His-tag antibody (AE086) at a dilution of 1:30000.