

## His-Tag Monoclonal Antibody

**Catalog No.** E-AB-20009

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

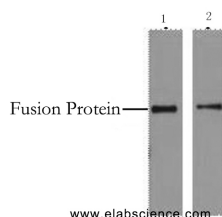
### Description

<b>Immunogen</b>	Synthetic Peptide
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	Clone:5I8
<b>Purification</b>	Protein A purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

### Applications Recommended Dilution

<b>WB</b>	1:5000-1:10000
<b>IF</b>	1:500-1:2000
<b>IP</b>	1:100-1:300

### Data



Western Blot analysis of 2µg His fusion protein using His-Tag Monoclonal Antibody at dilution of 1) 1:5000 2) 1:10000.



Immunofluorescence analysis of 293 cells transfected with a His tag protein tissue using His-Tag Monoclonal Antibody at dilution of 1:1000.

### Preparation & Storage

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

### Background

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. His tag is often used for affinity purification and binding assays. Expressed His-tagged proteins can be purified and detected easily because the string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper, under specific buffer conditions. The His tag antibody is a useful tool for monitoring of the His-tagged proteins, and recognizes His-tags placed at N-terminal, C-terminal, and internal regions of fusion proteins expressed in bacteria, insect, and mammalian cells.

### For Research Use Only