

## His-Tag Monoclonal Antibody

**Catalog No.** E-AB-20097  
**Storage** Store at -20°C. Avoid freeze / thaw cycles.  
**Applications** WB

**Reactivity**  
**Host** Mouse  
**Isotype** IgG

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

### Images



Western Blot analysis of 1) His-MBP recombinant protein, 2) His-Tag transfected 293T using His-Tag Monoclonal Antibody at dilution of 1:10000.

### Immunogen Information

**Immunogen** Synthetic Peptide  
**Synonyms** 6 His epitope tag, Hexa His tag, HHHHHH epitope tag, HHHHHH tag, His tag

### Product Information

**Buffer** PBS with 0.02% sodium azide and 50% glycerol pH 7.4.  
**Purify** Protein A purification  
**Clone No.** Clone:3C6  
**Dilution** WB 1:500-10000

### 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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.