**Anti-His**  
**Mouse Monoclonal Antibody**

**Catalog # H99-61M**  
Lot # L340-2

**Cited Applications**  
- Western blot (1:1000)  
- ELISA  
- Immunostaining  
- Immunoprecipitation

Ideal working dilutions for each application should be empirically determined by the investigator.

**Specificity**  
Recognizes the N-terminal, C-terminal or internal 6X His-tagged fusion protein

**Cross Reactivity**  
All proteins tagged with 6X His

**Host/Isotype/Clone#**  
Mouse, IgG2b, EH158

**Immunogen**  
HHHHHH peptide conjugated to KLH

**Formulation**  
10mM PBS pH 7.2

**Stability**  
Store at 4°C (add 0.1% NaN₃) for several months, and at -20°C for longer periods. For optimal storage, aliquot antibody into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles.

**Scientific Background**  
This polyhistidine epitope tag is generally comprised of six consecutive histidine amino acid residues located at the N-terminal, C-terminal, or internally [1]. The 6 His-Tag is widely used because of its affinity to bind nickel or cobalt metal ions attached to sepharose, which can then be used to purify the protein in a native or denatured state [2].

**References**

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www.signalchem.com

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**Sample Data**

Representative western blot with Anti-His (1:1000) using 1 µg 5 µg, 10 µg of HEK 293 cell lysate transfected with a 52 kDa His tagged fusion protein.

**Anti-His**  
**Mouse Monoclonal Antibody**

**Catalog Number** H99-61M  
**Specific Lot Number** L340-2  
Affinity purified using Protein A  
1.0 µg/µL  
1 yr at -20°C from date of shipment  
Store product at -20°C. For optimal storage, aliquot antibody into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on ice packs.