

His-Tag Mouse Monoclonal Antibody(M1)

Catalog No: RTA44

Basic Information

Host species	Mouse
Applications	WB, IP
Species Cross-Reactivity	N/A
Specificity	The His tag antibody can recognize C-terminal, internal, and N-terminal His-tag fusion proteins.
Recommended dilutions	WB: 1:3,000-5,000 IP: 1:500 Optimal dilutions should be determined by the end user.

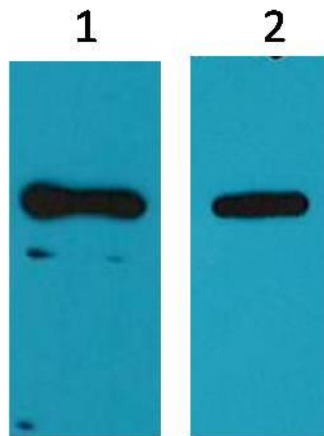
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

Background

Alternative Names	6 His antibody
Observed band	N/A
Human Gene ID	N/A
Human Swiss-Prot Number	N/A
Background	A polyhistidine-tag is an amino acid motif in proteins that consists of at least five histidine (His) residues, often at the N- or C-terminus of the protein. Monoclonal antibodies specific to six histidine tags can greatly improve the effectiveness of several different kinds of immunoassays, helping researchers identify, detect, and purify polyhistidine fusion proteins in bacteria, insect cells, and mammalian cells.

Selected Validation Data



Western blot analysis of His-Tag recombinant protein with His-Tag Mouse Monoclonal Antibody(M1) diluted at 1:5,000 1) His-Tag transfected 293T 2) His-MBP recombinant protein