



SPECIFICATION SHEET

Catalog number:	SLS-KY1001X
Product name:	Anti-His-tag Mouse Monoclonal Antibody
Lot:	
Clone #:	MC10
Antibody type:	Mouse IgG1
Concentration:	mg/ml
Specification:	100ul/vial or 1ml/vial
Immunogen:	Synthetic HHHHHH peptide conjugated to KLH as immunogen.
Buffer:	0.01M pH7.4 PBS, 0.1%BSA, 50% Glycerol
Preservative:	0.02% Sodium azide
Storage:	Stored at 2-8°C short term, -20°C or colder long term. Avoid multiple freeze/thaw cycles.
Expiration date:	3 Years
Product Description:	The His-tag is a fusion tag consisting of six histidine residues, widely used for the detection and purification of fusion proteins. Advantages of the His-tag include: small molecular weight that generally does not affect target protein function; strong binding affinity between histidine and immobilized nickel, allowing His-tagged proteins to be purified using Ni columns even under denaturing conditions. Our His antibody is a highly purified monoclonal antibody that specifically recognizes His sequences at the N-terminus and C-terminus of fusion proteins.

Recommended Dilution:

Western Blot (WB): 1:1000—1:10000

Immunofluorescence (IF): 1:100 — 1:1000

Immunoprecipitation (IP): 1:100 — 1:1000

Hazard/Biohazard:

This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.

Notes:

1. Use an anti-mouse secondary antibody, e.g., Goat anti-Mouse IgG (H+L)-HRP (SLS-KY3001).
2. Determine the optimal antibody dilution for your specific experiment.
3. For research use only; not for clinical diagnosis.

Related Data: