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SPECIFICATION SHEET

Catalog number:	SLS-KY1003
Product name:	Anti-Myc-tag Mouse Monoclonal Antibody
Lot：	
Clone #:	ME8
Antibody type:	Mouse IgG1
Concentration:	mg/ml
Specification:	100ul/vial or 1ml/vial
Immunogen:	Synthetic EQKLISEEDL 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℃ short term, -20℃ or colder long term. Avoid multiple freeze/thaw cycles.
Expiration date:	3 Years
Product Description:	The Myc-tag is derived from amino acids 410 – 419 of human c-Myc protein. The Myc-tag can be placed at the N-terminus or C-terminus. However, the low-pH elution conditions for Myc-tagged recombinant proteins often reduce protein activity, so the Myc-tag system is widely used for detection but rarely for purification. The Myc-tag has been successfully applied in Western blot (WB), immunoprecipitation (IP), and flow cytometry. Our Myc antibody is a highly purified monoclonal antibody that specifically recognizes Myc sequences at the N-terminus, C-terminus, and internal positions of fusion proteins.

Recommended Dilution: Western Blot (WB): 1:1000—1:10000

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

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

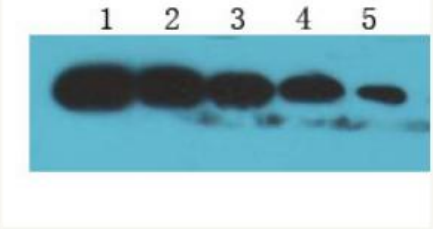
Hazard/Biohazard: This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.

Notes: 1.Please use an anti-mouse secondary antibody, such as Goat anti-Mouse IgG (H+L)-HRP (SLS-KY3001).

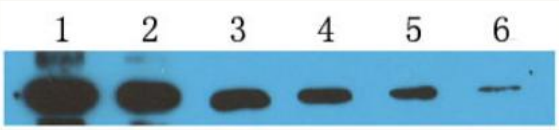
2.Please determine the optimal antibody dilution according to your experiment.

3.This product is for scientific research use only, not for clinical diagnosis.

Related Data：



Myc-tag antibody (SLS-KY1003) was tested using Myc-tagged fusion protein with a protein loading of 20 ng per well. The antibody was diluted at 1:5000 (1), 1:10000 (2), 1:20000 (3), 1:40000 (4), and 1:80000 (5), respectively.



Myc-tag antibody (SLS-KY1003) was tested using Myc-tagged fusion protein. The antibody was diluted at 1:5000. Protein loading per well was 50 ng (1), 25 ng (2), 12.5 ng (3), 6 ng (4), 3 ng (5), and 1.5 ng (6), respectively.