



SPECIFICATION SHEET

Catalog number:	SLS-KY1012X
Product name:	Sumo-tag Mouse Monoclonal Antibody
Lot:	
Clone #:	MC11
Antibody type:	Mouse IgG1
Concentration:	mg/ml
Specification:	100ul/vial or 1ml/vial
Immunogen:	Synthetic SUMO 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:	SUMO-tag protein is a small ubiquitin-like modifier (SUMO), and an important member of the ubiquitin-like polypeptide superfamily. In primary structure, SUMO shares only 18% homology with ubiquitin, but their tertiary structures and biological functions are highly similar. Studies have shown that SUMO can serve as a fusion tag and molecular chaperone for recombinant protein expression. It not only improves the expression yield of fusion proteins, but also protects against protease hydrolysis, promotes correct folding of target proteins, and enhances the solubility of recombinant 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:

