



SPECIFICATION SHEET

Catalog number:	SLS-KY1002X
Product name:	Anti Flag-tag Mouse Monoclonal Antibody
Lot:	
Clone #:	MA4
Antibody type:	Mouse IgG1
Concentration:	mg/ml
Specification:	100ul/vial or 1ml/vial
Immunogen:	Synthetic DYKDDDDK conjugated to KLH was used as the 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 Flag-tag protein consists of a hydrophilic polypeptide encoded by 8 amino acids and is widely used for the detection and purification of fusion protein expression. The advantages of the Flag-tag include: small molecular weight, which generally does not affect the function of the target protein; the active target protein can be obtained by affinity purification with Flag antibody. The Flag antibody of our company is a highly purified monoclonal antibody that can specifically recognize the Flag sequence at the N-terminal, C-terminal and intermediate positions of the fusion protein with high specificity.

Recommended Dilution:

Western Blot (WB): 1:1000—1:10000

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

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

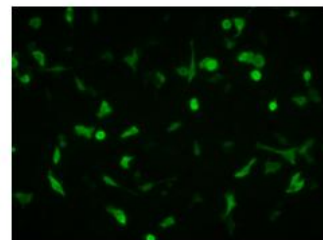
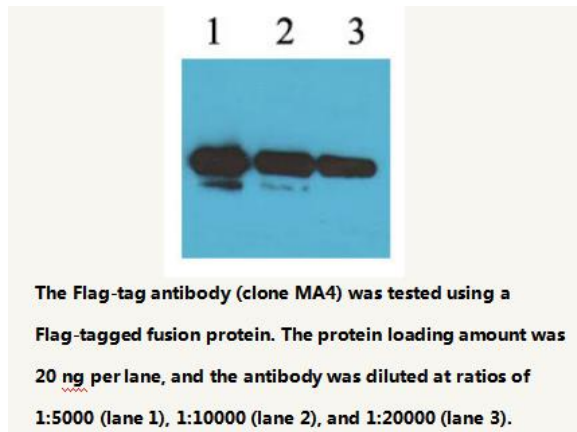
Hazard/Biohazard:

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, e.g., Goat anti-Mouse IgG(H+L)-HRP (SLS-KY3001).
2. Determine the optimal antibody dilution according to experimental conditions.
3. This product is for scientific research use only and not for clinical diagnosis.

Related Data:



HeLa cells were transfected with a plasmid encoding a Flag-tagged fusion protein. Immunofluorescence (IF) assay was performed using the anti-Flag tag antibody (clone MA4), which was diluted at 1:500.