

C-Myc-Tag Mouse Monoclonal Antibody (3E8)

CATALOG NUMBER: C1321

QUANTITY: 50 μ L

DESCRIPTION: C-Myc-tag antibody is part of the Tag series of antibodies, the best quality in the research. Myc protein is a transcription factor that activates expression of a great number of genes through binding on consensus sequences (Enhancer Box sequences (E-boxes)) and recruiting histone acetyltransferases (HATs). A recent study demonstrate that temporary inhibition of Myc selectively kills mouse lung cancer cells, making it a potential cancer drug target.

SPECIFICITY: The C-Myc tag antibody can detect C-Myc fusion proteins.

ISOTYPE: IgG1

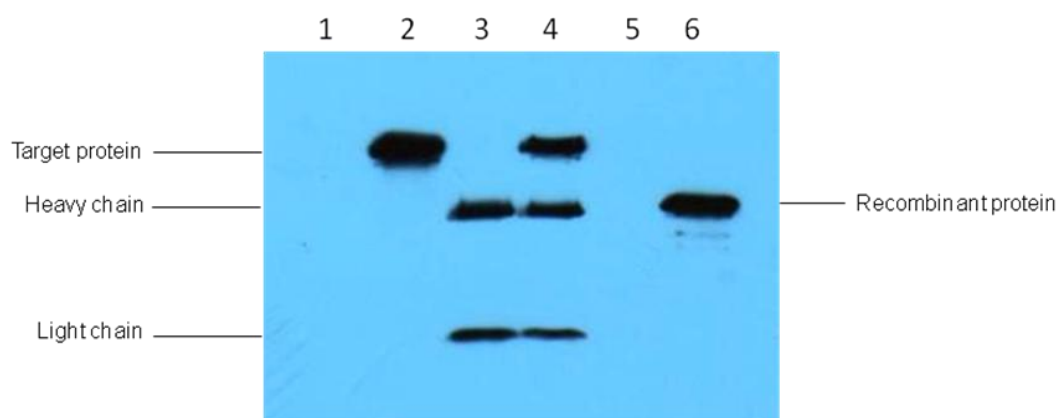
TESTED APPLICATIONS: Western Blot, Immunoprecipitation, Immunofluorescence

APPLICATIONS: WB: 1:5,000 IP: 1:200 IF: 1:1000

***NOTE:** Optimal working dilutions must be determined by the end user

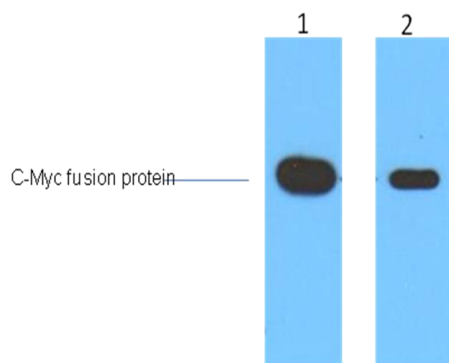
STORAGE/HANDLING: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. **Do not aliquot the antibody.**

Immunoprecipitation:



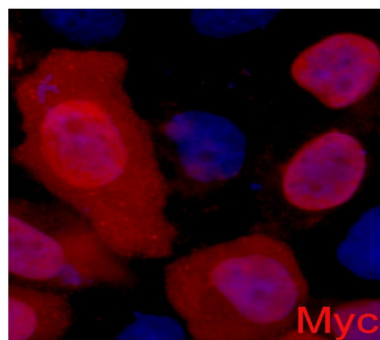
IP antibody use: 3 μ g C-Myc Mouse IgG1 per ml Lysate, WB 1:5000

- 1、untransfected 293 cell lysate
- 2、transfected 293 cell lysate with C-Myc-tag fusion protein
- 3、IP (transfected 293+ normal Mouse IgG+Protein G agarose)
- 4、IP (transfected 293+anti- C-Myc mAb+ Protein G agarose)
- 5、IP (transfected 293+Protein G)
- 6、Recombinant protein (*E.coli*)

Western Blot

1ug C-Myc fusion protein+ Primary antibody dilution at

- 1、 1:5,000
- 2、 1:10,000

Immunofluorescence

IF analysis of 293 cells transfected with a C-Myc-tag protein, using anti-C-Myc Tag Mouse mAb at a 1:2000 dilution (blue DAPI, red anti-C-Myc)

For research use only; not for use as a diagnostic.

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