

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

Catalog	TDY002C	TDY002F
Quantity	50 μ L	100 μ L

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Free: 400-0620-621
Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IP, IF	N/A	N/A	IgG1

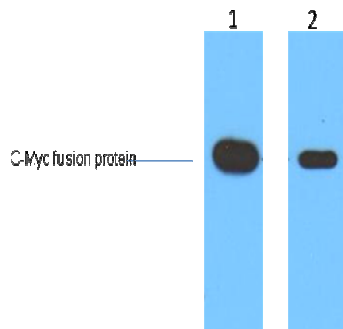
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

Recommended dilutions: WB: 1:5,000 IP: 1:200 IF: 1:1000

Optimal dilutions should be determined by the end user.

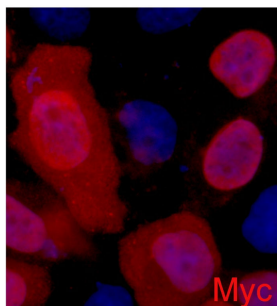
Specificity: The C-Myc tag antibody can detect C-Myc fusion proteins.

Background: 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 demonstrated that temporary inhibition of Myc selectively kills mouse lung cancer cells, making it a potential cancer drug target.

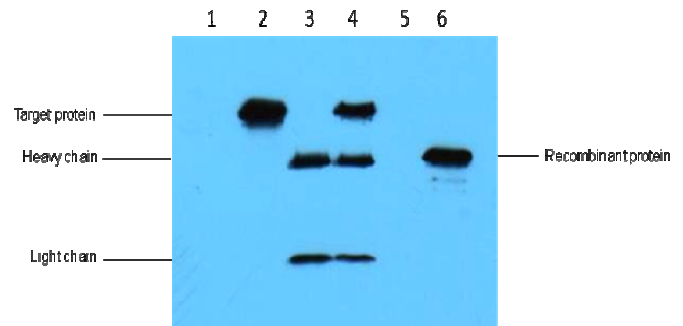


1 μ g C-Myc fusion protein+ Primary antibody dilution at

- 1:5,000
- 1:10,000



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



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

- untransfected 293 cell lysate
- transfected 293 cell lysate with C-Myc-tag fusion protein
- IP (transfected 293+ normal Mouse IgG+Protein G agarose)
- IP (transfected 293+anti- C-Myc mAb+ Protein G agarose)
- IP (transfected 293+Protein G)
- Recombinant protein (E.coli)