PMK Biotechnology co., LTD.
Email: postmaster@biopmk.com
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C-Myc-Tag Mouse Monoclonal Antibody(3E8)

Catalog	PMK012M	PMK012S
Quantity	50μL	100μL

Tel :400-457-3801
E-mail: postmaster@biopmk.com
Web:www.biopmk.com

For research use only.

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

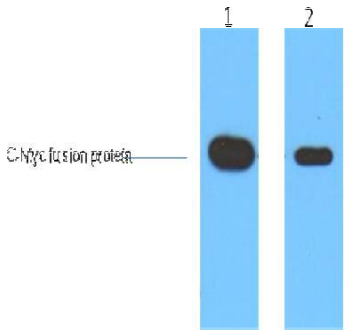
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. Do not aliquot the antibody.

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.

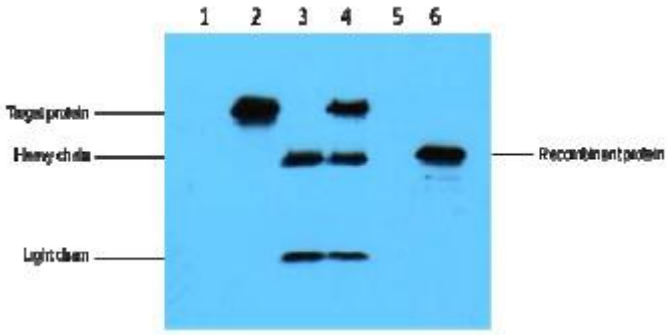
Background: c-Myc-tag antibody is part of the Tag series of antibodies, the best quality in the research. Myc protein is a transcription factor that activates expression of a great number of genes through binding on consensus sequences (Enhancer Box sequences (E-boxes)) and recruiting histone acetyltransferases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



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

1、 1:5,000

2、 1:10,000



IP antibody use 3ug Flag Mouse IgG1 per ml Lysate WB 1:5000

1 untransfected 293 cell lysate

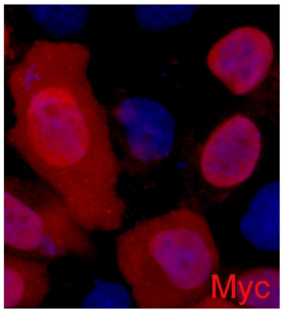
2 transfected 293 cell lysate with C-Myc-tag fusion protein

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)



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

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Applications: WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation
Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig