



C-Myc-Tag Mouse Monoclonal Antibody

E12-002

Catalog Number: E12-002

Amount: 100µg/100µl

Clone Number: 3E8

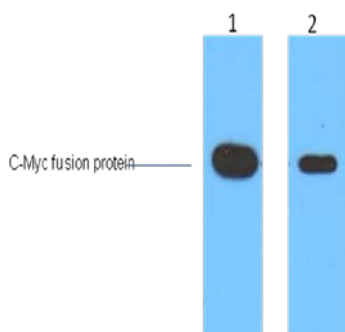
Background: c-Myc-tag antibody is part of the Tag series of antibodies, the best quality in the research. Myc protein is a transcription factor that activates expression of a great number of genes through binding on consensus sequences (Enhancer Box sequences (E-boxes)) and recruiting histone acetyltransferases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

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

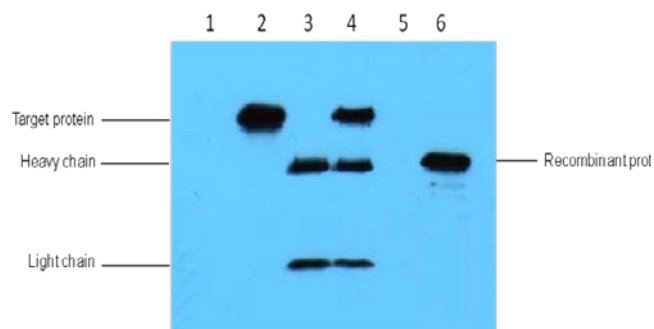
Storage/Stability: Store at -20°C/1 year

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

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

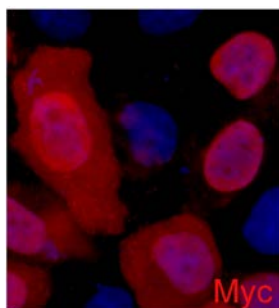


1µg C-Myc fusion protein+ Primary antibody dilution at 1:5,000 (lane 1) and 1:10,000 (lane 2).



IP antibody use: 3µg 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 anti-C-MycTag Mouse mAb at a 1:2000 dilution (blue DAPI, red anti-C-Myc).

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