



**Cyrusbioscience**

## C-Myc-Tag Antibody (Mouse)

**Catalog Number:** TAB0002

**Amount:** 100µg/100µl

**Clone Number:** 3E8

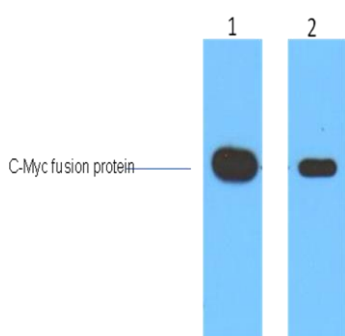
**Background:** c-Myc-tag antibody is part of the Tag series of antibodies, the best quality in the research. Myc protein is a transcription factor that activates expression of a great number of genes through binding on consensus sequences (Enhancer Box sequences (E-boxes)) and recruiting histone acetyltransferases (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.

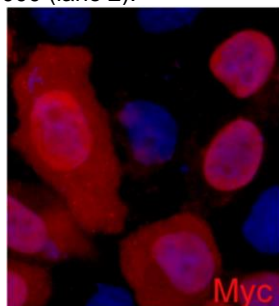
**Storage/Stability:** Store at -20°C/1 year

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

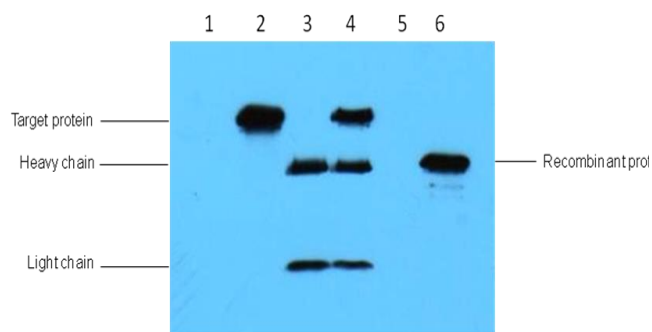
**Applications:** WB: 1:5,000 ; IP: 1:200 ; IF: 1:1000



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



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).



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).