



## C-Myc-Tag Mouse Monoclonal Antibody

E12-033

**Catalog Number:** E12-033**Amount:** 100µg/100µl**Clone Number:** 5D6

**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.

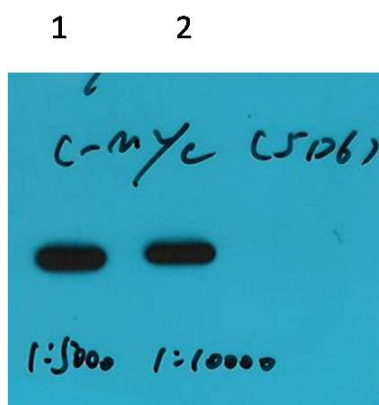
**Form of Antibody:** Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year. Do not aliquot the antibody.

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

**Reactivity:** N/A

**Applications:** WB: 1:5,000-10,000 IP: 1:200 IF: 1:1000



Western blot analysis of Recombinant protein with c-Myc tag Mouse mAb(5D6) diluted at

1) 1:5,000

2) 1:10,000

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