

# C-Myc-Tag Mouse Monoclonal Antibody(5D6)

## Catalog No: RTA17

### Basic Information

Host species	Mouse
Applications	WB, IP, IF
Species Cross-Reactivity	N/A
Specificity	The C-Myc tag antibody can detect C-Myc fusion proteins.
Recommended dilutions	WB: 1:5,000 -10,000      IP: 1:200 IF: 1:1000 Optimal dilutions should be determined by the end user.

### Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

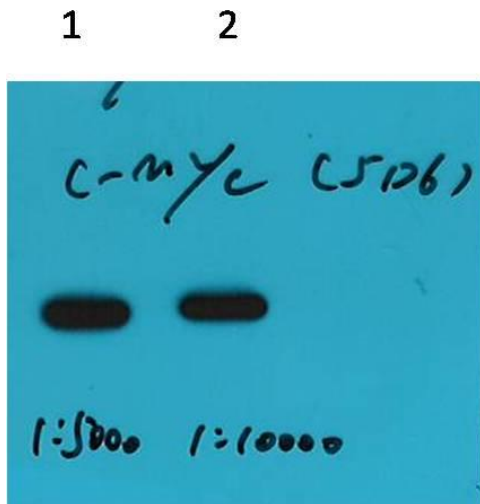
### Background

Alternative Names	
Observed band	N/A
Human Gene ID	N/A
Human Swiss-Prot Number	N/A

#### 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.

Selected Validation Data



Western blot analysis of Recombinant protein with c-Myc tag  
Mouse mAb(5D6) diluted at 1) 1:5,000 2) 1:10,000