

# Cyclin B1 Mouse Monoclonal Antibody(5C1)

## Catalog No: RA10147

### Basic Information

Host species	Mouse
Applications	IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous Cyclin B1 protein.
Recommended dilutions	IHC: 1:200-500 Optimal dilutions should be determined by the end user.

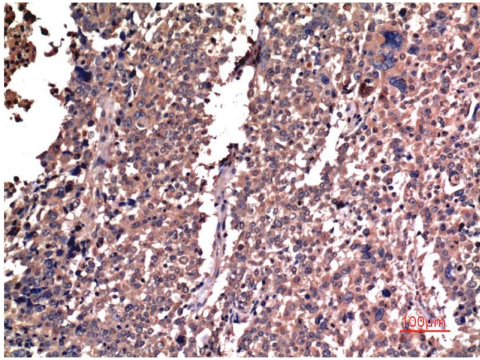
### Applications

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

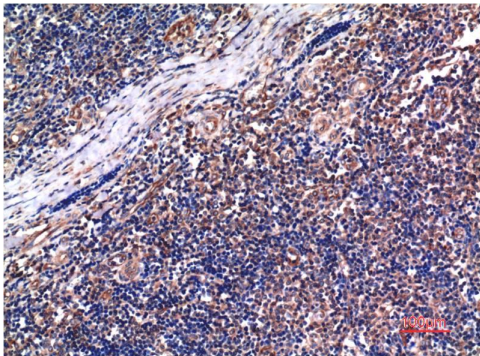
### Background

Alternative Names	CCNB1 antibody, G2 mitotic specific cyclin B1 antibody
Observed band	55
Human Gene ID	891
Human Swiss-Prot Number	P14635
Background	Cyclin B1 is a regulatory protein involved in mitosis. The gene product complexes with p34 (Cdk1) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript that is expressed predominantly during G2/M phase of the cell cycle.

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using Cyclin B1 Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using Cyclin B1 Mouse mAb diluted at 1:200.